

TABLE 18. — *Total Duration of Hospital Life of Patients dying in Hospital classified according to Principal Psychoses for the Year ending September 30, 1924 — Concluded*

PSYCHOSES	10 — 15 YEARS			15 — 20 YEARS			20 YEARS AND OVER		
	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	—	—	—	—	—	—	—	—	—
2. Senile	—	2	2	—	—	—	—	—	—
3. With cerebral arteriosclerosis	—	—	—	—	—	—	—	1	—
4. General paralysis	—	—	—	—	—	—	—	—	—
5. With cerebral syphilis	—	—	—	—	—	—	—	—	—
6. With Huntington's chorea	—	—	—	—	—	—	—	—	—
7. With brain tumor	—	—	—	—	—	—	—	—	—
8. With other brain or nervous diseases	—	—	—	—	—	—	—	—	—
9. Alcoholic	1	1	2	—	—	—	2	—	—
10. Due to drugs and other exogenous toxins	—	—	—	—	—	—	—	—	—
11. With pellagra	—	—	—	—	—	—	—	—	—
12. With other somatic diseases	—	—	—	—	—	—	—	—	—
13. Manic-depressive	—	—	—	—	—	—	—	1	—
14. Involution melancholia	—	—	—	—	—	—	—	—	—
15. Dementia praecox	1	2	3	—	1	1	—	2	—
16. Paranoia or paranoid conditions	—	—	—	—	—	—	—	—	—
17. Epileptic psychoses	—	—	—	—	—	—	—	—	—
18. Psychoneuroses and neuroses	—	—	—	—	—	—	—	—	—
19. With psychopathic personality	—	—	—	—	—	—	1	—	—
20. With mental deficiency	1	—	1	—	—	—	—	—	—
21. Undiagnosed psychoses	—	—	—	—	—	—	—	—	—
22. Without psychosis	—	—	—	—	—	—	—	—	—
Total	3	5	8	—	1	1	3	4	—

TABLE 19. — *Family Care Department*

	M.	F.	T.
Remaining September 30, 1923	2	12	14
Admitted within the year	—	8	8
Whole number of cases within the year	2	20	22
Dismissed within the year	—	9	9
Returned to institution	—	8	8
Discharged	—	—	—
Died	—	—	—
Visit	—	1	1
Escape	—	—	—
Remaining September 30, 1924	2	11	13
Supported by State	—	8	8
Private	—	1	1
Self-supporting	2	2	4
Number of different persons within year	2	19	21
Number of different persons admitted	—	7	7
Number of different persons dismissed	—	7	7
Daily average number	2	11.2691	13.2691
State	—	7.6153	7.6153
Private	—	1.	1.
Self-supporting	2	2.6538	4.6538

The Commonwealth of Massachusetts

ANNUAL REPORT

OF THE

TRUSTEES

OF THE

TAUNTON STATE HOSPITAL

FOR THE

YEAR ENDING NOVEMBER 30, 1925

DEPARTMENT OF MENTAL DISEASES



OFFICERS

TRUSTEES

ARTHUR B. REED, *Chairman*, Abington.
PHILIP E. BRADY, Esq., Attleboro.
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ELIZABETH C. M. GIFFORD, *Secretary*, Boston.

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RODERICK B. DEXTER, B.A., M.D., *Assistant Superintendent*.
Senior Assistant Physician.
Senior Assistant Physician.
NAOMI RASKIN, M.D., *Assistant Physician, Pathology*.
FERNAND LONGPRE, M.D., *Assistant Physician*.
GEORGES RAVENELLE, M.D., *Assistant Physician*.
ALBERT GAUTHIER, M.D., *Assistant Physician*.
DIOMEDE GUERTIN, M.D., *Assistant Physician*.
WALTER B. WILLEY, M.D., *Assistant Physician*.
GEORGE A. HARRIS, D.M.D., *Dentist*.
LINDA A. J. RICHARDS, R.N., *Superintendent Nurses Emerita*.
FLORENCE L. HOWE, R.N., *Superintendent Nurses*.
JAMES C. FLYNN, *Engineer*.
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FRED GULLON, *Head Farmer*.

The Commonwealth of Massachusetts

TRUSTEES' REPORT

To His Excellency the Governor and the Honorable Council:

The trustees of the Taunton State Hospital present herewith the seventy-second annual report, together with the Superintendent's report, financial report and statistical tables.

Resignation of Ransom A. Greene, M.D., Supt.

Dr. Greene's resignation became effective June 30, and on July 1, he assumed the duties of Superintendent of the Walter E. Fernald School for the Feeble-Minded at Waverley, Mass., a position to which he had been appointed by the Trustees of that Institution some weeks before. The untiring effort and the unswerving devotion which resulted in such a successful administration while Superintendent of this hospital, without doubt, served as a stimulus to this promotion. His resignation was accepted with deep regret by our Board and the following resolutions were spread upon the records:

In the name of the patients of Taunton State Hospital and on their own behalf too, the Trustees voice their sincere regret that events have brought about the retirement of Dr. Ransom A. Greene as Superintendent, even while they appreciate the unusual promotion given him in being named to succeed Dr. Walter E. Fernald as Superintendent of the School for the Feeble-Minded at Waverley.

The nearly three years during which Dr. Greene was the head at Taunton saw many and noteworthy changes in the institution, in its physical condition, in its personnel, in its efficiency and in its morale. The hospital standard has been bettered and as its excellence in the final analysis is to be found in the treatment accorded patients and their relatives, it is a pleasure to record that Taunton has won and has

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1925
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served the confidence of its public and that it has never tired of striving toward perfection which may be impossible and yet must be the goal of every such institution.

The staff which played a large part in this improvement and the Trustees who witnessed it with satisfaction join in giving the largest credit for it all to the tireless inspiration and activity of the Superintendent. While the results attained and in part make his transfer the greater loss for Taunton, there is pride in the fact that his work here has been watched and weighed and not found wanting, and there are sincere good wishes, too, that the future of his work may prove as satisfactory and successful as the years he spent at Taunton.

To this official regret is joined the personal regret of each Trustee at the severance of relations that have been most pleasant and they wish to express thanks for the courtesy and cordiality which have marked their association with Dr. Greene. The vacancy created by Dr. Greene's resignation was, as a result of a unanimous vote, filled by R. M. Chambers, M. D., who assumed the duties of the office on May 1. Dr. Chambers has devoted himself to the field of psychiatry since 1915. At that time, he has served as Assistant Physician and Assistant Superintendent at the Westboro State Hospital, Psychiatrist in the United States Army, Assistant to the Commissioner, Department of Mental Diseases and Director of the Division of Examination of Prisoners.

The Board desires that your attention be called to the inadequate facilities for housing both patients and employees at this institution. Although we have space for only 1200 patients, during the last few years, we have cared for many more than that number and at the present time, our census fluctuates between 1425 and 1475, occasionally going above the latter figure. The result is that our wards are all overcrowded, the corridors and day rooms are used for sleeping purposes, and dining facilities for patients as well as employees, have become almost impossible. The kitchen, bakery, storerooms and cold storage plant were constructed when the population of the institution was much smaller and do not in any way fill our present needs. The chapel is far too small and does not afford space for all those who are able to attend the entertainments. Many employees who are supposed to live at the hospital are forced to live in the city and others are living in rooms, especially married couples, that are not suitable because of a shortage in employees' quarters. The Board is of the opinion that all this can be corrected by the following program:

1. Renovation of shop building located in rear center and additions to accommodate industries.
2. Renovation of and additions to existing industrial building to accommodate storehouse, cold storage and ice plant.
3. Renovation of and additions to rear center to provide a new kitchen, bakery, congregate dining room for patients, dining rooms for employees and increase space in the chapel.
4. Renovation of present dining rooms, to provide additional ward space.
5. The construction of cottages for married officers and homes for married employees.

A program of this sort could well be carried out in two years, without seriously handicapping the different departments of the institution. The special appropriations which have been requested in our budget for next year and appearing in the Superintendent's report, represent that part of this program which, in the opinion of the Board, should be accomplished next year.

The bridge across Mill River is necessary in order to complete the new entrance which has been considered so important for so many years. It represents only a relatively small expenditure and should also be included in next year's budget.

During the past year, numerous and sundry repairs have been made, which added greatly to the appearance and efficiency of the institution. Chief among these has been a coat of light paint applied to the main building, which has resulted in giving the entire place a different atmosphere. Despite this fact, there is still much work along this line that must be done and if we are to continue our program of repairs, the work we have requested under these headings will be necessary.

While some work has been done toward protecting the institution from fire, much remains to be accomplished and the Board recommends that this matter receive immediate attention.

There is also a matter which we at this time, wish to bring to the attention of relatives and friends of patients, as well as to the public in general, how essential it is for them to visit, and visit often, so as to encourage the Staff and the Trustees of the Hospital in their work, as so few realize what each one of the physicians, nurses and attendants are giving each day to aid the unfortunates who are not able to care for themselves.

The institution was visited by the Governor's Council and the Committee on Public Institutions, during the summer and fall. In January, a committee of twelve different Legislators of the nearby counties called at the hospital.

In conclusion, we wish to state that we fully realize that our hospital is not the only one in the state, and that the cost of the institutions in general, is enormous; but in spite of this, we feel that something must be done in the near future, if the Taunton State Hospital is to continue to give its patients proper care.

ARTHUR B. REED, *Chairman*,
 JULIUS BERKOWITZ, CHAS. C. CAIN, JR.,
 MARGARET C. SMITH, PHILIP E. BRADY,
 ELIZABETH C. M. GIFFORD, ASA A. MILLS.

SUPERINTENDENT'S REPORT

To the Trustees of the Taunton State Hospital:

The seventy-second annual report of the Superintendent of the Taunton State Hospital, for the fiscal year ending November 30, 1925, is respectfully submitted for your consideration.

The Statistical tables relative to patients, cover the period beginning October 1, 1924, and ending September 30, 1925.

MOVEMENT OF POPULATION

On September 30, 1924, the hospital census was as follows: In the hospital, men, 691; women, 744 — total, 1435. On visit and escape, men, 105, women, 102, — total, 207, making a grand total of 1642, in the custody of the hospital at that time. During the year ending September 30, 1925, 367 patients were received. Of this number, 168 men and 132 women, a total of 300, were classed as First Admissions; 31 men and 29 women, a total of 60, came as Readmissions and 3 men and 4 women, a total of 7, were transferred to the hospital from other hospitals.

Three hundred and seventy patients, including 201 men and 169 women were discharged during the same period. Of this number, 99 men and 106 women, a total of 205, were returned to the community. Twenty men and 8 women, a total of 28, were transferred to other institutions and 137, including 82 men and 55 women, died. The census on September 30, 1925, was as follows: In the hospital, men, 703; women, 775 — total, 1478. On visit and escape, men, 101, women, 76, — total, 177, making a grand total of 1655, including 797 men and 846 women on the books of the hospital. The total number of cases under treatment during the year was 2000 — 993 men and 1007 women. The average daily number for the year was: men, 787.79; women, 826.7, a total of 1614.49. Of these, 684.27 men and 739.99 women, a total of 1424.29, were in the hospital; 2 men, 10.9 women, a total of 12.9, were in family care, and 101.5 men and 75.7 women, a total of 177.3 were on visit and escape. A daily average of 30.58% ex-service men were cared for during the year.

FIRST ADMISSIONS

Nativity. Of the 300 first admissions, 95 men and 70 women, a total of 165 were born in the United States, and 73 men and 62 women, a total of 135, were born in other countries, the percentage of native born being 55% and foreign born, 45%.

Citizenship. Of the 300 first admissions, 164 or 54.67%, were citizens by birth; 36 or 12%, were citizens by naturalization and 100 or 33.33% were aliens.

Mental Diagnosis. The different forms of mental disease shown by the first admissions, were as follows: dementia praecox, 75 or 25%, psychoses with cerebral arteriosclerosis, 45 or 15%, manic depressive, 32 or 10.67%, senile psychoses,

10%, undiagnosed psychoses, 27 or 9%, general paralysis, 26 or 8.67%, alcoholic psychoses, 17 or 5.66%, psychoses with mental deficiency, 13 or 4.34%, traumatic psychoses, 1 or 0.34%, epileptic psychoses, 5 or 1.67%, psychoneuroses and neuroses, 1 or 0.34%, psychosis with cerebral syphilis, 2 or 0.66%, psychoses with other brain or nervous diseases, 5 or 1.66%, psychoses with other somatic diseases, 8 or 2.66%, involution melancholia, 6 or 2%, paranoia and paranoid conditions, 3 or 1%, without psychoses, 2 or 0.67%. For further information, concerning psychoses of first admissions, see statistical tables.

Age. Of the first admissions, 89 or 29.67%, were over sixty years of age, 103 or 34.33% were between forty and sixty, the involution period, 99 or 33% were between twenty and forty and 9, or 3% were under twenty.

Education. Of the 300 first admissions, 15.33% were illiterate, 95.33% were classed as urban in their environment and 4.67% as rural.

READMISSIONS

Of the 60 patients readmitted, the diagnoses were as follows: Psychoses with cerebral arteriosclerosis, 2 or 3.34%, general paralysis, 3 or 5%, psychoses with other brain or nervous diseases, 1 or 1.67%, alcoholic psychoses, 4 or 6.66%, psychoses due to drugs and other exogenous toxins, 1.67%, psychoses with somatic diseases, 5 or 8.34%, manic-depressive psychoses, 7 or 11.66%, dementia praecox, 1 or 1.67%, psychoses with mental deficiency, 1 or 1.67%, undiagnosed psychoses, 6 or 6.66%, without psychosis, 1 or 1.67%.

DISCHARGES

The condition of those discharged during the year, were as follows: Of the 205 cases discharged, 10 or 4.88% were discharged as recovered, 149 or 72.69% as improved, 32 or 15.61% as unimproved, and 14 or 6.82% as not insane. For further information, see statistical tables.

DEATHS

The death rate for the year, figured on the total number under treatment, was 0.8%. The causes of death were as follows: Arteriosclerosis, 33 or 24.09%, bronchopneumonia, 27 or 19.70%, general paralysis, 13 or 9.25%, endocarditis and myocarditis, 12 or 8.66%, tuberculosis, 15 or 11%, other causes, 37 or 27.3%. Of those who died, 76 or 56.3% were over sixty; 47 or 34% were forty to sixty; 13 or 9.6% were from twenty to forty and 1 or 0.7% was under twenty.

MEDICAL SERVICE

Every attempt has been made to give our patients the very best medical care during the last year. The wards have been visited regularly, by the different physicians and each new patient has been carefully examined mentally and physically, the results of these examinations being recorded usually, within the first ten days of hospital residence.

Staff conferences have been held daily except on holidays and Sundays and all cases have been presented for diagnosis and recommendations relative to treatment. In addition, many cases have been considered from the standpoint of their being released on visit and still others have been presented for reconsideration. During the year, the following members of our staff have resigned to take positions elsewhere: Drs. DeCary, Richard, Baker, Kelley, Tartakoff and Laurin. Drs. Raskin, Gauthier, Guertin and Willey have joined our staff during the past year.

SOCIAL SERVICE

Despite the fact that this department has had one or two vacancies for the latter part of the year, much work has been accomplished.

At the present time, we have two trained workers, and every effort is being made to catch up with the work that was necessarily more or less neglected during the summer. It is the intention that this department perform first of all, the extramural work, the rest of the time being devoted to the investigation of special cases and the welfare of those in the hospital. The extramural work is growing rapidly. Out clinics are well attended and every effort is being made to get in closer touch with the patients who are on visit.

This department has been of great aid to the Medical Service, in obtaining information in difficult cases and it has also rendered a great service in determining whether or not environment was satisfactory in cases which were being considered for release on visit. It is believed that the average length of time that the patient remains on visit is quite a little increased by the careful supervision of a social worker. Such visits establish contact between the hospital and the home, and serve to stabilize the condition of the patient. The maintenance of the Social Service Department is justified by the service rendered in this one field, without any reference to the others. The following is a report of the work accomplished:

SOCIAL SERVICE MONTHLY STATISTICS

Year ending December 1, 1925

I. NUMERICAL SUMMARY OF CASES:

	HOSPITAL CASES				COMMUNITY CASES				TOTALS	
	HOUSE PATIENTS		OUT PATIENTS		CLINIC CASES		OTHERS			
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
1. New Cases	107	83	40	41	53	42	4	5	204	171
2. Renewed cases from previous years	6	20	5	3	2	4	3	9	15	36
3. Renewed cases within the year	3	2	2	1	1	1	—	1	6	5
4. Continued cases from previous year	92	71	32	56	48	60	7	5	179	192
5. Cases closed during year	201	156	37	32	4	4	13	11	255	203
6. Cases continued to following year	7	20	42	69	100	103	1	9	150	201

II. SOURCES OF NEW CASES:

1. No. Cases referred by Physicians, 182
2. No. Cases referred by Community Agencies, 82
3. No. Cases referred by Friends or Relatives, 3
4. No. Cases referred by Initiative of Patients, 9
5. No. Cases selected by Social Service, 78

III. ANALYSIS OF WORK:

1. Purposes for which cases were referred
 - (a) Histories of Patients { Taken at Hospital, 78
Taken outside Hospital, 73
 - (b) Investigation { Conduct Disorders, 11
Employment Situations, 13
Home Conditions, 35
Statements of Patients, 11
Statements of Others, 26
 - (c) Supervision { In Home, 228
In Industry, 9
In Community, 19
 - (d) Care of Patient's Families, 42
 - (e) Personal Services, 64
 - (f) Placement, 15
2. Problems:
 - (a) Disease { Mental, 206
Physical, 72
 - (b) Sex Problems { Prostitution, 1
Promiscuity, 1
Wayward Tendencies, 10
 - (c) Environment:
 1. Financial Difficulties, 17
 2. Employment Difficulties, 37
 3. Unsuitable Surroundings, 12
 4. Friction { Family, 26
Others, 6
 5. Marital Difficulties, 12

III. ANALYSIS OF WORK — *Concluded* :

- (d) Personality Problems:
 - 1. Temperament, 6
 - 2. Anti-social Habits, 13
 - 3. Vacillating Interests, 1
- (e) Educational Problems:
 - 1. Readjustment Habits of Mind, 9
 - 2. Recreation; Church; Social Relationships, 16
- (f) Legal Problems:
 - 1. Concerning property or support, 26
 - 2. Resulting from conduct of patient, 1
 - 3. Resulting from conduct of others, 2
- (g) General Problems, 72

IV. SERVICE RENDERED:

- 1. Medical:
 - (a) Contribution of information *re*: Medical History, 166
 - (b) Contribution of information *re*: Home Conditions, 150
 - (c) Contribution of information *re*: Condition of Out Patients, 264
 - (d) Condition of Arrangement for Medical Assistance, 34
- 2. Social:
 - (a) Adjustments for Patients { Environment, 27
Personal Relations, 28
 - (b) Adjustments for Patients in Industry, 18
 - (c) Adjustments for Patients in Recreation, 3
 - (d) Advice { To Relatives, 148
To Patients, 108
To Others, 27
 - (e) Connecting with Agencies, 35; with individuals, 10
 - (f) Family assistance { Legal, 19
Financial, 4
Miscellaneous, 11
 - (g) Arrangements for further study or training, 7
 - (h) Personal Services:
 - Placement Work { Home, 15
Industry, 18
Miscellaneous, 8 Psychological tests, 3

SUPERVISION WORK:

- 1. No. Patients on visit last day previous month,
No. Patients discharged from visit during month,
 - Visits { To Patients on ward, 123
To Patients on visit, 228
To Relatives or Friends, 255
To Social Agencies, 71
To Others, 81
- No. Patients in care of Other Agencies, 26
- 2. Family Care Patients:
 - (a) No. Patients visited, 44
 - (b) No. Patients placed, 2
 - (c) No. Patients replaced,
 - (d) No. Patients returned,
 - (e) No. Patients discharged,
 - (f) No. Boarding Homes investigated,

CLINIC WORK:

- 1. Hospital Clinics { No. clinics attended, 1
No. interviews with Patients, 4
No. interviews with Relatives, 4
No. social cases selected,
- 2. School Clinics { No. attended, 1
No. Histories, 2
No. Psychological Tests, 6
Miscellaneous Work,

VI. CLINIC WORK — *Concluded*:

3. Community Clinics	No. attended, 48
	No. interviews with Patients, 99
	No. interviews with Others, 124
	No. cases selected,
	No. cases referred to local agencies, 4

VII. MISCELLANEOUS:

1. Amount of Expense Account	School or Community Clinic Work
	\$6.50
	Hospital Work, \$209.41
2. Account of Time	No. days in Hospital, 213
	No. days outside Hospital, 167½
	No. days spent in School Clinic Work, 5½
	No. days spent in Community Clinic Work, 26½

SPECIAL FEATURES:

Lectures:

Papers:

Special Studies:

Conferences attended:

Visits to Other Institutions:

OUT-PATIENT DEPARTMENT

The hospital continues to hold out-patient clinics in New Bedford and at Fall River once each week during the year. The clinic formerly held at Fall River has been temporarily closed. Many of the cases examined during the past year have been children, and it is encouraging to note that they have been referred by great many different organizations. These clinics have also given us a chance to see many patients on visit from the hospital and this has been especially so in the clinic at New Bedford. It is believed that this is one of the most important divisions of our work, and every effort is being made to give more and more service to the community through the clinics. A summary of the work accomplished, follows:

Source of Cases

December 1, 1924 to November 30, 1925.

(a)	Children's Aid Society	.	.	.	.	.	.	.	.	.
(b)	Family Welfare Society	.	.	.	.	.	.	.	.	.
(c)	Society for Prevention of Cruelty to Children	.	.	.	.	.	.	.	.	.
(d)	Catholic Welfare Bureau	.	.	.	.	.	.	.	.	.
(e)	International Institute	.	.	.	.	.	.	.	.	.
(f)	Self or Immediate Family	.	.	.	.	.	.	.	.	.
(g)	Taunton State Hospital	.	.	.	.	.	.	.	.	.
(h)	Public Schools	.	.	.	.	.	.	.	.	.
(i)	Private physicians	.	.	.	.	.	.	.	.	.
(j)	Industrial District Nursing Association	.	.	.	.	.	.	.	.	.
(k)	St. Vincent's Home	.	.	.	.	.	.	.	.	.
(l)	Tubercular Clinic	.	.	.	.	.	.	.	.	.
(m)	Other Sources	.	.	.	.	.	.	.	.	.

1. New Bedford:

(a) New Cases:

Male	53
Female	50
Total	103

(b) Total Visits:

Male	93
Female	86
Total	179

Male cases seen (new)	63
Female cases seen (new)	52
Total new cases	115
Male visits to clinics	103
Female visits to clinics	88

Total 191

2. Fall River

Clinic temporarily
Closed

3. House Cases:

(a) New Cases:

Male	
Female	
Total	

(b) Total Visits:

Male	
Female	
Total	

SCHOOL CLINICS

December 1, 1924 to November 30, 1925

	M.	F.	T.
New Cases referred for examination	35	16	51
New cases completed	34	15	49
New cases incomplete	1	1	2
Re-examination	19	3	22

PATHOLOGICAL LABORATORY

The work of this department has been of great benefit to the Medical Service. Without the pathological laboratory, it is almost impossible to make an intelligent diagnosis and we are glad to report that the different members of the staff are making more and more demands upon the laboratory. We are equipped to do basal metabolism tabulations and chemical analysis of the blood, as well as the more routine procedures. In addition to the clinical work, 54 autopsies were performed. This was 39.1% of the number of deaths.

The following gives the detail of the work performed in this department during the year: Urinalyses, 1219; Spinal fluids, 134; Renal functions, 8; Blood (white count), 31; Blood (complete count), 50; Smears, 112; Cultures, 59; Sputum, 69; Stools, 20; Basal metabolism determinations, 12; Chemical analysis of blood, 6.

OPERATING ROOM

Our operating equipment is not in any way modern and the operating room itself, far from satisfactory. During the past year, a complete new sterilizing apparatus has been purchased and is soon to be installed. It is hoped that we can add a new operating table and increase our stock of instruments during the coming year.

The following table shows the operations performed during the past year:

Herniotomy, 1; tonsillotomies, 2; cellulitis, incision and drainage, 6; fractures, reduction and dressing, 5; excision of needle from spine, 1; wound of neck, 1; Epithelioma of the face, excision 1; extraction of teeth, 44; minor operations, 468; Surgical dressings, 2,514.

Antisyphilitic Treatment: The treatment of all cases of syphilis has been continued, and without doubt has resulted in increasing the number of remissions in general paralysis, and has contributed greatly to the ease with which these patients are now handled.

	M.	F.	T.
Salvarsan injections	361	195	556
Mercurial injections	588	214	802
Bloods for Wasserman	386	271	657
Lumbar punctures	113	55	168
Greatest number of patients			71
Smallest number of patients			60
Average per month			64.0

DENTAL DEPARTMENT

Every patient in the hospital has had a dental examination and there is on file in the office of the dentist, a chart which shows the exact condition of their teeth. The dental work has been completed on more than 90% of those in the hospital at the end of the year. During the summer, all of the patients who had been in the hospital more than one year, were re-examined. This was made possible by adding the services of a dental interne. There is little doubt but what the condition of the teeth is an important factor in the physical condition of our patients, and consequently, we are striving constantly to improve our dental methods.

It is hoped that next year, we will be able to increase our prophylactic work by acquiring portable equipment and making it possible to do this work on the ward.

The following is a report of the work accomplished:

Bridgework: Set, 3; Removed, 8; Crowns, Gold removed, 2; Gold set, 2. Cleaned and scaled, 153. Examined and charted, 1959. Extractions, 1610. Fillings: Amalgam, 922; Cement, 25; Root Canal, 1; Synthetic, 7; Temporary, 8; Zinc oxide and Eugenol, 214. Inlays: Set, 1; Reset, 1. Plates: Impression, bite,

shade, 74; Made, 37; Adjusted, 111; Repaired, 38; Cleaned, 208. Treatment Formo-creosol, 18; Gual, 4; Gums, 33; Post-operative, 55; Pulp removed, Teeth treated, 9; Root canal, 7.

X-rays taken	274
Patients with work completed during the year	1094
Number of visits	4007
Number of operations	5787
Average operations per patient	1.44
Percentage of patients with work completed	90.98
Percentage of patients unable to receive attention	6.61
Percentage of patients with work to be done	2.41
Percentage of new admissions needing dental attention	78.61
Number of patients receiving dental attention other than examination	890.

Partial plates, 39; Plates and teeth, 117; Bridges, 149; Pivots, 31; Gold Crown 443; No. teeth, 177; Plates and No. teeth, 45; Full upper and lower plates, 19 Patients needing no dental attention, 317; Number of sets of false teeth, 39 Artificial Appliances, 1014.

X-RAY LABORATORY

This laboratory has been of great aid in the diagnosis and treatment of fracture as well as in the treatment of diseased teeth.

Parts of the body examined: Foot, 22; hand, 16; head, 15; chest, 9; hip, shoulder, 6; wrist, 6; ribs, 5; knee, 5; ankle, 4; lumbar spine, 4; elbow, 3; tib and fibula, 1; thoracic vertebrae, 1; clavicle, 1; pelvis, 1; sternum, 1; gastr intestinal tract, 1 series; teeth, 274.

HYDROTHERAPY

This department has been a great help in the medical treatment of our patient. The work has been carried on continuously on both the male and female service. Dr. Rebekah Wright, of the Department of Mental Diseases, has contributed much to the success of the department by devoting much time to the training of our hydrotherapists and by giving advice in regard to equipment and methods.

The following treatments were given:

	TONIC BATHS		M.	F.	T
Salt Glows			1,184	1,139	2,323
Hot and cold to spine			538	633	1,171
Foot baths			888	775	1,663
Sitz baths			655	406	1,061
Wet mitten frictions			0	400	400
Electric light baths			0	106	106
Drip sheet rubs			0	125	125
Wet hand rubs			0	15	15
Saline sponges			0	7	7
Swedish shampoos			799	739	1,538
Hair shampoos			799	739	1,538
Needle sprays			3,962	4,126	8,088
Fan Douches			3,957	3,811	7,768

Continuous Baths

No. of Patients		No. of Baths		No. of Hours	
Male	118	Male	2,399	Male	15,855½
Female	220	Female	2,333	Female	13,338½
Total	338	Total	4,732	Total	29,193¾

Wet Sheet Packs

No. of Patients		No. of Packs		No. of Hours	
Male	62	Male	595	Male	1,778
Female	273	Female	7,684	Female	22,710¾
Total	335	Total	8,279	Total	24,488¾

OCCUPATIONAL THERAPY

This department has made much progress during the year. Classes have been held in the Occupational Therapy Room both morning and afternoon, as well as on many of the wards. A daily average of 207 patients have attended these classes and nearly 500 patients have been under treatment during the year. Much improvement has been noted in many of those treated; 28 have been discharged to the community and 117 improved sufficiently to work in the Industrial Department.

Care is taken to concentrate on therapy and not production and much attention is paid to the selection of those for whom this form of treatment seems to be indicated. In addition to weaving, basketry, knitting, crocheting, sewing, woodwork, drawing and painting, special classes in elementary work have been conducted.

This department has contributed the following articles to be used in the hospital which is quite remarkable considering the fact that most of the effort is directed toward the improvement of individuals and not toward production:

107 woven rugs, 5 woven trackers, 5 hooked rugs, 1 hooked art square, 10 braid weave rugs, 1 Thrumms rug, 440 embroidered table runners, 91 towelling table runners with cretonne ends, 1 towelling table runner hemstitched and fringed, 15 woven table runners, 4 stencilled table runners, 1 hemstitched linen runner with crocheted end, 58 embroidered centerpieces with crocheted edge, 1 crocheted centerpiece, 9 woven pillow tops, 1 stencilled pillow top, 150 embroidered pillow tops, 1 doilies with crocheted edge, 7 crocheted inserts, 25 yds. edging, 6 embroidered handkerchiefs, 1 embroidered kerchief, 20 patchwork quilts, 117 prs. curtains and valances, 38 prs. sash curtains, 58 prs. long curtains, 58 prs. overdrapes with valances, 3 table covers with tatted edges, 1 pr. hemstitched curtains and valances, 3 prs. curtains appliqued and embroidered, 8 prs. curtains cut, 123 reed waste baskets, 1 reed sewing basket, 77 reed flower baskets, 84 reed jardineres, 14 reed hanging baskets, 5 reed ferneries, 1 reed sandwich tray, 2 reed lamps and shades, 29 wooden waste baskets, 3 large wooden boxes, 98 wooden puzzle boxes, 2 card files, 2 wooden bases for ferneries, 16 prs. painted bookends, 1 pr. hand carved bookends, 9 door tops, 16 parrots cut and painted, 206 picture puzzles, 271 painted curtain pulls with knotted cords, 316 yds. spool knitting, 355 lbs. rug material prepared (includes knitting, sewing, dyeing, and winding into balls), 752 lbs. burlap (ravelled, tied and wound into balls), 10 hammered brass pen wipers, 5 wallpaper blotting pads, 12 cretonne chair pads, 12 order books painted, 28 lanterns stencilled, 43 painted upkin rings, 6 knitted cleaning cloths, 118 yds. cocoanut fibre braided for door mats, 1 box confetti cut, 23 warps for looms.

THE TRAINING SCHOOL FOR NURSES

Our training school for nurses has been fairly active during the past year, although we have not had the number of student nurses we would liked to have had. An affiliation with the Boston City Hospital has been continued.

The class of 1925, consisting of four members, was graduated on October 15. At the present time, there are three student nurses in the senior class, seven in the intermediate class and four preliminary students, a total of fourteen. It is hoped that this number may be increased during the year.

RELIGIOUS SERVICES

The regular Sunday services at the main group have been conducted regularly during the year, the Catholic clergymen officiating in the morning and the Protestant in the afternoon, with special services at each of the colonies. The various clergymen have made numerous visits to the hospital and have always been found willing to administer help in every way possible.

ENTERTAINMENT

Much attention has been given to the entertainment of the patients during the year. The regular dances and moving picture shows were conducted in the fall, winter and spring. During the summer, baseball furnished much amusement. Special entertainments were arranged during Christmas week, and on the Fourth of July; in addition, several others were given.

The Ex-service men were entertained by the various organizations on many different occasions.

A radio has been obtained for Lovering Colony and a start has been made toward equipping the main building. It is felt that this will add to the entertainment of the patients greatly, and it is hoped that a set for Borden Colony may be obtained next year.

LIBRARY

The library has continued to be a very valuable part of the hospital. Books and magazines have circulated through the various wards and without doubt, many patients have profited much. Two hundred and sixty books have been purchased or donated since our last report and numerous magazines have been given by interested friends.

The librarian has handled the circulation of phonograph records in addition to his other duties. Many books and magazines have been rebound.

We are indebted to the persons whose names are mentioned below for the donation of books and magazines.

Mr. J. E. Dwyer, Mrs. Baster, Mr. Bliss, Mrs. Charles Washburn, Mrs. J. Balks, Mr. Paul Nickerson, Mr. Joshua Crane, Librarian, Miss Grace Waterman, Mrs. Broadhurst, Abraham Myerson, M.D., New Bedford Public Library, Mr. E. I. Adler, Mrs. Griffin, Mrs. O'Neill, Mr. John Henchy, Mr. Frederick Bradford, Mr. Colby, Mrs. Elliott, Mrs. Susan Gardner, Mrs. J. H. Glover, Mrs. McCormack, Mrs. Burke, Mrs. Richard Scanlon, Mrs. Roberback, Mrs. Howard, Mrs. Doyle, Mrs. Harvey, Mrs. Cotter, Mrs. M. Babb, Mrs. Sartoris, Mrs. Green, Mrs. Barlow, Mrs. T. Reed, Mrs. S. W. Pollard, Mrs. Allyn, Mrs. R. M. Carg, Mrs. J. Gillo, Mrs. Hardy, Mrs. Hodgson, Mrs. Albert Jones, Mrs. Poole, Mr. John O'Hear, Mr. J. P. Hearn, Mrs. L. Farnsworth, Miss Nora Callahan, Mrs. Bourget, Mr. I. Russell Davol, Mr. Benjamin Wagner, Mrs. Frances M. Wilbur, Mrs. Kelly, Mrs. E. J. Galligan, Mrs. C. Newbury, Mrs. Dobson, Mr. Walter Clemson, Harold Youngsberg, Mrs. Babbitt, Mr. Joseph Murray, Mrs. Palmer, Mrs. H. G. Youngberg, Mrs. N. D. Washburn, Miss Martha D. Washburn, Mrs. Emma Nelson, Dr. L. E. Butler, Mrs. Gough, Miss Lee, Mrs. Wright, Miss Doughty, Miss E. M. Hayes and W. F. Wyatt, Ph.D.

FARM

The farm has enjoyed a good year. The season was very favorable and as a result, a satisfactory crop has been produced.

Our herd is entirely free from tuberculosis and has shown an average yearly production of about 10,500 pounds of milk per cow. The usual amount of pork has been produced. We had some difficulty in caring for the products of the garden because of the inadequate facilities for canning. Partial equipment for this purpose was installed and used, but the lack of such things as steam kettles, retorts, etc. prevented our establishing a separate canning unit, consequently part of the work had to be done in the kitchen. This was very undesirable, as the kitchen is not adequately equipped to take care of our routine cooking. Despite this fact, however, nearly 7,500 gallons were canned.

Quite a little work has been done in the way of clearing land and cleaning up old fence rows. A new fence is being constructed at the Lovering Colony, which will give us about 20 acres of pasture, which will be used to take care of the young cattle in the summer time.

The following table shows the detail of the farm production and canning:

FARM PRODUCTION — 1925

Milk, 643329 lbs.; Eggs, 3046 $\frac{2}{3}$ doz.; Beef, 5769 lbs.; Chicken, 2151 lbs.; Liver, 1109 lbs.; Pork, 40935 lbs.; Veal, 305 lbs.; Asparagus, 4581 lbs.; Dry Beans, 550 lbs.; String Beans, 14133 lbs.; Shell Beans, 311 lbs.; Beets, 15739 lbs.; Cabbage, 21301 lbs.; Cantaloupes, 8909 lbs.; Carrots, 104345 lbs.; Cauliflower, 205 lbs.; Celery, 1341 lbs.; Corn, 28307 lbs.; Cucumbers, 10492 lbs.; Lettuce, 3889 lbs.; Onions, 30350 lbs.; Parsnips, 9050 lbs.; Peas, 2890 lbs.; Peppers, 128 lbs.; Pumpkins, 4185 lbs.; Radishes, 343 lbs.; Rhubarb, 5872 lbs.; Spinach, 6351 lbs.; Squash (summer), 2832 lbs.; Squash (winter), 84645 lbs.; Tomatoes, 24504 lbs.; Turnips, 40435 lbs.; Turnip greens, 1124 lbs.; Potatoes, 128683 lbs.; Apples, 2586 lbs.; Currants, 1104 qts.; Gooseberries, 345 qts.; Grapes, 1282 lbs.; Strawberries, 3221 lbs.; Watermelon, 3805 lbs.; Plums, 200 lbs.

Ensilage, 779290 lbs.; Field Corn, 16900 lbs.; Mangles, 136000 lbs.; Green Feed, 269982 lbs.; Hay, 116000 lbs.

CANNED DURING 1925.

Beets, 10 gal. (in qts.); Beans, string, 1821 $\frac{1}{4}$ gal. (107 $\frac{1}{4}$ in qts.); Currants, 20 gal. (in qts.); Cucumbers 3 $\frac{1}{2}$ gal. (in qts.); Catsup, 9 $\frac{1}{2}$ gal. (2 in qts.); Carrots, 669 gal.; Corn, 100 gal.; Pickles, 641 $\frac{1}{2}$ gal. (in pounds); Picallili, 863 $\frac{3}{4}$ gal. (113 $\frac{3}{4}$ gal. in qts.); Pumpkins, 24 $\frac{1}{2}$ gal. (in qts.); Rhubarb, 50 gal. (in qts.); Strawberries, 33 $\frac{3}{4}$ gal. (in qts.); Tomatoes, 1433 $\frac{1}{2}$ gal. (64 $\frac{1}{2}$ gal. in qts.); Squash, 1607 gal.; Applesauce, 167 gal.; Total, 7454 $\frac{1}{4}$ gal.

GROUND

During the past year, much work has been necessary because of the storm which did much damage to our trees and because of our sidewalks and roads having reached the age at which they require much renewing and repairing. New sidewalks have been constructed from the main office to the male infirmary and from the male infirmary to the nurses home. A new hotbed was installed at the greenhouse. A group of patients has been kept at forestry work during the past few months, and much has been accomplished.

The greenhouse and garden have done very well indeed and we are able to supply our wards with many potted plants and cut flowers at all seasons of the year.

INDUSTRIAL DEPARTMENT

This department has functioned very satisfactorily during the past year and the result has been a constant supply of the articles manufactured.

This has contributed much to the efficiency of the other departments. All of the work accomplished, is performed by patients working under instructors. This results in furnishing occupation as well as recreation for many who otherwise would be unemployed, and without doubt, contributes much to their comfort and well-being.

It is believed that a shop for the purpose of repairing and manufacturing furniture would be a very valuable addition to our industries. At the present time, this work is carried on by the carpenters who have but little time to devote to it, all their time being required by construction and repairs.

The following articles were manufactured during the year:

IN SHOP

Made: 18 tins; 12 ash barrels; 7 tables covered with metal; 3 sink boards covered with metal; 1 salt canister; 1 sugar canister; 1 coffee canister; 1 tea canister; 1 dipper; 72 butter tins; 6 flower cans; 18 garbage cans; 14 ft. ventilator pipe; 22 bread tins; 10 coffee urn rings; 24 pudding tins; 1 ventilator pipe cover; 67 water pails; 7 containers; 166 tin cups; 7 wash tubs; 15 roast pans; 24 fat tins; 24 meat tins; 6 cake tins; 12 meal tins; 1 flour sieve; 1 drain pipe; funnels; 3 shelves metal covered; 13 oatmeal tins; 4 gruel cans; 2 boilers; 2 ash tins; 7 sauce tins; 6 soup cans; 12 tea cans; 2 dishpans; 8 metal coal baskets; 1 pail cars; 70 dustpans; 4 double boilers; 13 milk cans; 1 drip pan; 1 ice box; 1 vegetable boiler; 6 milk pans; 8 ash barrel covers; 8 cereal tins; 5 dippers; 7 wash tubs; 1 sugar can; 1 stew kettle; 1 meat machine cover; 2 steamers.

Repaired: 34 pans; 47 coffee pitchers; 18 wash tubs; 36 pails; 19 tins; 38 milk cans; 78 tea cans; 18 soup cans; 20 dish pans; 2 stew pans; 8 tea kettles; 33 stew kettles; 4 egg beaters; 30 garbage cans; 2 colanders; 11 strainers; 38 roast pans; 2 double boilers; 22 bread tins; 1 food chopper; 6 sprayers; 51 meat tins; 60 oatmeal tins; 17 tea pots; 13 hash tins; 16 sauce tins; 1 coffee tank; 1 ice scoop; 6 roasting cans; 1 set andirons and fire screen; 8 diet tin covers; 57 tin cups; 129 cans; 4 coffee urns; 21 food conveyors; 71 dustpans; 9 dippers; 2 pudding tins; 1 ice scoop; 14 ash barrels; 1 flour sieve; 10 soup cans; 4 potato steamers; 2 percolators; 6 ash barrel covers; 19 cereal tins; 1 can opener crank; 1 ice cream can; 1 alcohol burners; 1 oil can.

MATTRESS SHOP

Made: 964 mattresses; 819 pillows; 2 chair cushions; 23 leather mattress tuffs; 4 lbs. mattress tuffs; 4350 lbs. hair picked.

Upholstered: 4 office chairs; 3 couches; 13 easy chairs; 1 rocking chair; 12 parlor chairs; 1 back rest; 3 sofas; 4 Morris chairs; 1 chair cushion; 2 lounges; 1 settee cushions.

Renovated: 919 mattresses; 723 pillows.

BROOM SHOP

Made: 638 parlor brooms; 42 whisk brooms; 72 barn brooms; 300 brushes; 2 door mats; 1144 yds. rope braid; 197 brush backs bored.

FURNITURE SHOP

Made: 1 dish closet; 3 floor polishers; 15 bushel baskets; 2 shelves for bread racks.

Repaired: 708 chairs; 13 tables; 25 stands; 3 lounges; 4 step ladders; 17 settees; 7 ice boxes; 33 bed screens; 8 commodes; 14 bureaus; 1 wardrobe; 1 bedstead; 35 laundry baskets; 1 desk; 7 step ladders; 1 couch.

SHOE SHOP

Made: 399 prs. men's shoes; 167 prs. women's shoes; 296 prs. slippers; 12 harness straps; 64 harness loops; 1 pr. cripple shoes; 8 halters; 16 baseball belts; 8 auto pads.

Repaired: 187 prs. rubber heels; 174 prs. leather heels; 119 prs. taps; 45 prs. shoes patched; 176 ribs sewed; 120 prs. heel linings; 1899 prs. rubber heels put on; 13 prs. leather heels put on; 738 prs. taps nailed; 443 prs. taps sewed; 121 prs. uppers patched; 20 prs. uppers sewed; 126 prs. soles patched; 79 harness straps; 1 pr. cripple shoes; 2 collar straps; 37 buckles put on; 16 squares; 8 snaps; 1 rings; 1 baseball glove; 1 pad; 1 bridle; 6 belts; 1 auto curtain; 3 baseball outfits; 2 halters; 13 prs. suspenders.

Altered: 4 radiator covers.

TAILOR SHOP

Made: 64 prs. overalls; 19 white coats; 5 jumpers; 6 store coats; 48 prs. mittens; 168 prs. suspenders; 2711 yds. towelling; 513 rugs; 18 aprons; 6 trackers; 124 in. long; 2 pillows; 1 overcoat; 78 prs. pants; 11 prs. white pants; 17 prs. khaki pants; 15 prs. heavy pants; 1 shirt; 20 pack blankets; 56 ladies' capes; 1 sack coats; 14 vests; 41 coats; 4 baseball bases; 1 suit; 2 police blouses; 3 prs. police pants; 9 prs. ticking pants; 2 prs. baseball pants; 54 ticking aprons; runners.

Repaired: 1755 prs. pants; 1485 coats; 37 overcoats; 393 vests; 18 shirts; 3 jumpers; 66 prs. overalls; 477 blankets; 25 heavy coats; 12 carpets; 16 tu covers; 7 art squares; 6 laundry bags; 4 aprons; 21 runners; 4 rugs; 60 blanket (numbered); 100 blankets (labelled); 1 police suit; 3 mattresses.

Pressed: 113 suits (employees).

SEWING ROOM

Made: 4112 sheets; 146 shroud sheets; 2468 pillow slips; 234 burial squares; 58 bureau covers; 25 stand covers; 216 white curtains; 272 nurses' aprons; 29 nurses' bibs; 537 nurses' cuffs; 18 operating room gowns; 910 one piece dresses; 12 bungalow aprons; 12 white dining room aprons; 270 chemises; 260 prs. drawers; 395 ladies' union suits; 600 men's union suits; 522 night shirts; 488 colored shirts; 486 outing flannel skirts; 20 coffee strainers; 102 colored aprons; 65 ticking aprons; 244 mattress ticks; 1 stoupe; 1 bag to crush ice in; 1 hot water bottle cover; 1885 dish towels; 3087 towels for patients; 87 nurses' caps; 361 strongingham dresses; 62 ripplette skirts; 38 kitchen holders; 240 patient's bibs; 6 duck aprons; 6 commode covers; 30 officer's sheets; 60 table cloths; 391 long night dresses; 445 short night dresses; 129 laundry bags; 787 towels; 50 glass towels; 223 attendant's sheets; 37 colored aprons; 240 attendant's laundry bags; 290 pillow ticks; 9 short kimonos; 13 tub covers; 6 cushion covers; 7 cushions stitched; abdominal binder; 85 attendant's caps; 12 screen covers; 29 sash curtains; 1 pajama suits; 5 prs. long ruffled curtains; 13 hoods; 9 prs. bed shoes; 80 pack sheets.

Mended: 444 mattress ticks; 9 dentist's gowns; 4 white duck aprons; 1 tub hammock; 1 tub cover; 1 white shirt; 386 sheets; 482 dresses; 327 shirts; 277 drawers; 154 spreads; 19 pads; 8 white coats; 28 towels; 1 sweater; 120 union suits; 2 bath robes; 22 corset covers; 83 pillow slips; 13 white trousers; 322 night-gowns; 10 bureau scarfs; 212 petticoats; 99 aprons.

Marked: 12 mattress ticks; 23258 pieces; 6776 tapes.

REPAIRS AND RENEWALS

During the year the following improvements have been made possible by the appropriation of last year under this heading.

1. Complete modern equipment in bakery.
2. Several new machines were furnished for the canning rooms and sufficient money to complete this equipment is being requested for next year.
3. New ironing boards and brackets for laundry.
4. New silo at Home Farm.
5. Renovations to a useless old shack which will result in creating a modern six room house for the head farmer.
6. Buildings at the Home Farm re-wired for electric lights.
7. Transmission line from front entrance to farm buildings is being rebuilt.
8. New stations added to watchmen's clock system.
9. Lights have been placed over certain outside doors.
10. A sprinkler system has been installed.
11. A standpipe has been installed in the Industrial Building.
12. A new washing machine and a metal dryer have been installed in the laundry and additional automatic valves have been placed in all washing machines.
13. New locks have been purchased for the Colonies and Nurses' Homes. This is the beginning of a plan to put the entire hospital under a master key system.
14. Metal grills have been installed on the piazza on the East and West extensions.
15. A silo at the Borden Colony which was in bad repair has been put in good condition.
16. The laundry has been equipped with fly screens.
17. A new hot water heater to replace a worn out one in the main system, has been purchased.

These changes have added materially to the efficiency of the Institution.

SPECIAL APPROPRIATIONS REQUESTED FOR NEXT YEAR.

1. Alterations necessary to convert existing Industrial Building into storehouse.
2. Alterations necessary to create sufficient space for all industries in existing shop building.
3. Bridge over Mill River.
4. Cottages for employees.

Our present storehouse and refrigeration plant are entirely inadequate and as a result, supplies are stored in unsuitable and out-of-the-way places. This results in difficulty in accounting as well as service in general. The space now occupied by these departments will be needed for other purposes when the time comes to provide satisfactory kitchen and dining room facilities for our employees and patients. The proposed plan includes alterations and additions to the existing Industrial Building, which is situated on the site which is best located for storehouse purposes. By extending our spur track only a few feet, it would then be possible to transfer goods directly from the car to the storehouse.

Two proposed alterations to the building which now houses a part of our industries would result in creating sufficient floor space to accommodate them all. This would be a great improvement as the different shops are badly scattered. If plan No. 1 is approved, it would be necessary to carry out plan No. 2 as four of our most important industries are not located in the building which would become a part of the storehouse.

During the past few years, much work has been done toward creating a new entrance to the hospital grounds from Bay Street. This would materially lessen the

distance from the street to the hospital and also furnish trolley service. The bridge mentioned in Item 3, is the connecting link in this project.

One of the greatest needs of the hospital, is suitable apartments for staff officer and married couples. At the present time, many are living in quarters that are unsuitable and others are forced to live off the hospital grounds. Projected plan No. 4 would play an important part in correcting this.

ACKNOWLEDGMENTS

In conclusion, I wish to express my appreciation to the various people who have made donations during the past year, and also to the organizations and societies who have aided in the entertainment of our patients.

I wish to express my grateful appreciation for the many courtesies extended to me by Dr. Ransom A. Greene, who directed the activities of the institution for the greater part of the past year.

I am also deeply indebted to the employees of the institution, who, by their co-operation and efforts, have made the year of work possible.

RALPH M. CHAMBERS, *Superintendent.*

TREASURER'S REPORT

To the Department of Mental Diseases:

I respectfully submit the following report of the finances of this institution for the fiscal year ending November 30, 1925.

CASH ACCOUNT		
<i>Income</i>	<i>Receipts</i>	
Board of Patients	\$19,257.71	
Reimbursements	42,203.66	\$61,461.37
Personal Services:		
Reimbursement from Board of Retirement		157.78
Sales:		
Travel, Transportation and Office Expenses	\$10.83	
Clothing and Materials	184.55	
Furnishings and Household Supplies . . . . .	.50	
Medical and General Care	8.00	
Heat, Light and Power	15.55	
Farm:		
Cows and calves	\$425.35	
Hides	38.56	
Sundries . . . . .	.47	
	464.38	
Garage, Stable and Grounds	57.14	
Repairs, Ordinary	864.77	
Miscellaneous		
Interest on bank balances	\$411.80	
Rent	395.00	806.80
Board of employees		225.00
Total income		\$64,256.
MAINTENANCE		
Balance from previous year, brought forward		\$2,831.
Appropriations, current year		518,720.
Total		\$521,551.
Expenses (as analyzed below)		506,242.
Balance		\$15,308.
Analysis of Expenses		
Personal service		\$249,424.
Religious instruction		1,795.
Travel, transportation and office expenses		4,983.
Food		94,834.
Clothing and materials		16,440.
Furnishings and household supplies		32,716.
Medical and general care		17,126.
Heat, light and power		27,530.
Farm		29,504.
Garage, stable and grounds		4,104.
Repairs ordinary		12,594.
Repairs and renewals		15,187.
Total expenses for maintenance		\$506,242.

SPECIAL APPROPRIATIONS				
Balance December 1, 1924				\$2,525.05
Total				\$2,525.05
Expended during the year (see statement below)			\$2,505.44	
Reverting to Treasury of Commonwealth				2,505.44
Balance November 30, 1925, carried to next year				\$19.61

OBJECT	ACT OR RESOLVE	WHOLE AMOUNT	EXPENDED DURING FISCAL YEAR	TOTAL EXPENDED TO DATE	BALANCE AT END OF YEAR
Additional Fire Protection	Acts 1924 Chap. 510	\$3,600.00	\$2,505.44	\$3,580.39	\$19.61

Balance carried to next year	\$19.61
Total as above	\$19.61

PER CAPITA

During the year the average number of inmates has been 1,433.3346
Total cost for maintenance, \$506,242.50.
Equal to a weekly per capita cost of \$6.7922. (52 weeks to year)
Receipt from sales, \$1,605.72.
Equal to a weekly per capita of \$.0215.
All other institution receipts, \$62,732.13.
Equal to a weekly per capita of \$.8417.
Net weekly per capita \$5.9310.

Respectfully submitted,
FRANK W. BOYNTON, *Treasurer.*

VALUATION

November 30, 1925

REAL ESTATE		
Land (336 acres)		\$52,250.00
Buildings		765,565.73
		\$817,815.73
PERSONAL PROPERTY		
Travel, Transportation and Office Expenses		\$4,749.90
Fuel		17,341.59
Clothing and Materials		21,074.33
Furnishings and Household Supplies		102,709.22
Medical and General Care		18,868.14
Heat, Light and Power		15,552.57
Food		31,908.86
Trage, Stable and Grounds		6,117.69
Tools		19,852.00
		\$238,174.30
SUMMARY		
Real Estate		\$817,815.73
Personal Property		238,174.30
		\$1,055,990.03

STATISTICAL TABLES

AS ADOPTED BY THE AMERICAN PSYCHIATRIC ASSOCIATION

PRESCRIBED BY THE MASSACHUSETTS DEPARTMENT OF MENTAL DISEASES

TABLE 1. — *General Information*

Date of opening as an institution for the insane, 1854
Type of institution: State
Hospital plant
Value of hospital property
Real estate including buildings
Personal property
Total acreage of hospital property owned, 336
Total acreage under cultivation during previous year, 78

4. Officers and employees

	ACTUALLY IN SERVICE AT END OF YEAR			VACANCIES AT END OF YEAR		
	M.	F.	T.	M.	F.	T.
Superintendents	1	-	1	-	-	-
Assistant physicians	6	1	7	3	-	-
Total physicians	7	1	8	3	-	-
Stewards	1	-	1	-	-	-
Resident dentists	1	-	1	-	-	-
Graduate nurses	1	15	16	-	-	-
Other nurses and attendants	71	60	131	7	7	-
Teachers of occupational therapy	1	1	2	-	-	-
Social workers	-	2	2	-	-	-
All other officers and employees	69	55	124	3	4	-
Total officers and employees	151	134	285	13	11	-

5. Census of patient population at end of year

	ACTUALLY IN INSTITUTION			ABSENT FROM INST TUTION BUT ST ON BOOKS		
	M.	F.	T.	M.	F.	T.
White						
Insane	696	770	1,466	91	59	140
All other cases	-	-	-	-	-	-
Total	696	770	1,466	91	59	140
Colored						
Insane	9	15	24	1	2	3
All other cases	-	-	-	-	-	-
Total	9	15	24	1	2	3
Grand Total	705	785	1,490	92	61	143

6. Patients employed in industrial classes or in general hospital work on date of report

M. 592 F. 584 1,176

7. Average daily number of all patients actually in institution during year

688.4823 742.2205 1,430.7028

8. Voluntary patients admitted during year

1 -

9. Persons given advice or treatment in out patient clinics during year

66 54

TABLE 2. — *Financial Statement*

See Treasurer's report for data requested under this table.

TABLE 3. — Movement of Patient Population for the year ending Sept. 30, 1925

	INSANE			TEMPORARY			TOTAL ON BOOKS		
	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Patients on books of institution September 30, 1924			1633	5	4	9	796	846	1642
Admissions during year:									
(a) First admissions	168	132	300	29	16	45	197	148	345
(b) Readmissions	31	29	60	6	3	9	37	32	69
Total admissions	199	161	360	35	19	54	234	180	414
(c) Transfers from other institutions	3	4	7	—	—	—	3	4	7
(d) Returns from escape	—	—	—	—	—	—	—	—	—
2. Total received during year	202	165	367	35	19	54	237	184	421
3. Total under treatment during year	993	1007	2000	40	23	63	1033	1030	2063
Discharged from books during year	99	106	205	32	13	45	131	119	250
(a) As recovered	8	2	10	14	1	15	22	3	25
(b) As improved	77	72	149	4	3	7	81	75	156
(c) As unimproved	13	19	32	5	4	9	18	23	41
(d) As not insane	1	13	14	9	5	14	10	18	28
(e) Transferred to other institutions	20	8	28	—	—	—	20	8	28
(f) Died during year	82	55	137	3	2	5	85	57	142
4. Total died and discharged from books during year	201	169	370	35	15	50	236	184	420
5. Patients remaining on books September 30, 1925	792	838	1630	5	8	13	797	846	1643
<i>Supplementary Data</i>									
6. (a) Average daily number patients during year	787.7835	826.7090	1614.4925	4.2082	2.2246	6.4328	791.9917	828.9336	1620.9253
(b) Average daily number patients actually in institution	684.2741	739.9959	1424.2700	4.2082	2.2246	6.4328	688.4823	742.2205	1430.7028
7. (a) Average daily number patients in family care	2.0000	10.9396	12.9396	—	—	—	2.0000	10.9396	12.9396
(b) Average daily number on visit and escape during year	101.5094	75.7735	177.2829	—	—	—	101.5094	75.7735	177.2829
8. Number of voluntary patients admitted during year	1	—	1	—	—	—	1	—	1
9. Number of patients actually remaining in institution Sept. 30, 1925	698	767	1465	5	8	13	703	775	1478
10. Number of patients in family care Sept. 30, 1925	2	10	12	—	—	—	2	10	12
11. Number of non-insane patients in institution Sept. 30, 1925	—	—	—	—	—	—	—	—	—
12. Persons given advice or treatment in out-patient department during the year	—	—	—	—	—	—	66	54	120

TABLE 4. — *Nativity of First Admissions and of Parents of First Admissions for the Year ending Sept. 30, 1925*

NATIVITY	PATIENTS			PARENTS OF MALE PATIENTS			PARENTS OF FEMALE PATIENTS		
	M.	F.	T.	F.	M.	Both	F.	M.	Both
United States	95	70	165	58	52	110	45	43	88
Austria	—	1	1	—	—	—	1	1	2
*Canada	13	17	30	20	20	40	23	23	46
England	10	8	18	16	14	30	11	13	24
Finland	2	1	3	4	4	8	1	1	2
Germany	—	1	1	—	—	—	3	1	4
Ireland	5	6	11	17	23	40	12	12	24
Italy	3	—	3	3	3	6	1	1	2
Norway	—	1	1	—	—	—	1	1	2
Poland	9	6	15	10	10	20	7	7	14
Portugal	23	13	36	24	24	48	13	14	27
Russia	3	2	5	3	3	6	3	3	6
Scotland	1	3	4	1	1	2	4	4	8
South America	—	1	1	—	—	—	—	—	—
Sweden	3	1	4	6	6	12	2	2	4
Turkey in Europe	1	1	2	2	2	4	1	1	2
Unascertained	—	—	—	4	6	10	4	5	9
Total	168	132	300	168	168	336	132	132	264

*Includes Newfoundland.

TABLE 5. — *Citizenship of First Admissions for the year ending Sept. 30, 1925*

	M.	F.	T.
Citizens by birth	95	69	164
Citizens by naturalization	17	19	36
Aliens	56	44	100
Citizenship unascertained	—	—	—
Total	168	132	300

TABLE 6. — *Psychoses of First Admissions for the Year ending Sept. 30, 1925*

PSYCHOSES	M.	F.	T.
1. Traumatic psychoses	—	1	1
2. Senile psychoses	9	21	30
3. Psychoses with cerebral arteriosclerosis	28	17	45
4. General paralysis	26	—	26
5. Psychoses with cerebral syphilis	2	—	2
6. Psychoses with Huntington's chorea	—	—	—
7. Psychoses with brain tumor	—	—	—
8. Psychoses with other brain or nervous diseases	3	2	5
9. Aleoholic psychoses	15	2	17
10. Psychoses due to drugs and other exogenous toxins,	—	—	—
11. Psychoses with pellagra	—	—	—
12. Psychoses with other somatic diseases	7	1	8
13. Manie-depressive psychoses	13	19	32
14. Involution melancholia	3	3	6
15. Dementia præcox (sehizophrenia)	38	37	75
16. Paranoia and paranoid eonditions	—	3	3
17. Epileptic psychoses	5	—	5
18. Psychoneuroses and neuroses	1	2	3
19. Psychoses with psychopathic personality	—	—	—
20. Psychoses with mental defeieney	7	6	13
21. Undiagnosed psychoses	11	16	27
22. Without psychosis	—	2	2
Total	168	132	300

TABLE 7. — *Race of First Admissions classified with Reference to Principal Psychoses for the Year Ending September 30, 1925*

RACE	TOTAL			TRAUMATIC			SENILE			WITH CEREBRAL ARTERIO-SCLEROSIS			GENERAL PARALYSIS			WITH CEREBRAL SYPHILIS		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
African (black)	2	3	5	-	-	-	-	1	1	-	-	-	1	-	1	-	-	-
Armenian	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
English	60	53	113	-	1	1	7	9	16	19	13	32	10	-	10	-	-	-
Finnish	4	8	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
French	17	13	30	-	-	-	-	2	2	3	-	3	6	-	6	-	-	-
German	-	2	2	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
Hebrew	1	3	4	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
Irish	28	15	43	-	-	-	-	2	2	5	1	6	4	-	4	1	-	1
Italian	3	1	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lithuanian	2	2	4	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-
Portuguese	25	14	39	-	-	-	-	1	1	1	2	3	2	-	2	1	-	1
Scandinavian	6	3	9	-	-	-	-	1	1	-	-	-	1	-	1	-	-	-
Scotch	1	4	5	-	-	-	-	1	1	-	1	1	-	-	-	-	-	-
Slavonic	10	6	16	-	-	-	1	1	2	-	-	-	-	-	-	-	-	-
Turkish	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mixed	4	4	8	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
Race unascertained	3	-	3	-	-	-	1	-	1	-	-	-	1	-	1	-	-	-
Total	168	132	300	-	1	1	9	21	30	28	17	45	26	-	26	2	-	2

Includes "North" and "South."

Norwegians, Danes and Swedes.

Includes Bohemian, Bosnian, Croatian, Dalmatian, Herzegovinian, Montenegrin, Moravian, Polish, Russian, Ruthenian, Servian, Slovak, Slovenian.

TABLE 7. — *Race of First Admissions classified with Reference to Principal Psychoses for the Year ending September, 30, 1925 — Continued*

RACE	WITH HUNT-INGTON'S CHOREA			WITH BRAIN TUMOR			WITH OTHER BRAIN OR NERVOUS DISEASES			ALCOHOLIC			DUE TO DRUGS AND OTHER EXOGENOUS TOXINS			WITH PELLAGRA		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
African (black)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Armenian	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
English	-	-	-	-	-	-	-	1	1	4	1	5	-	-	-	-	-	-
Finnish	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
French	-	-	-	-	-	-	1	-	1	2	-	2	-	-	-	-	-	-
German	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hebrew	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Irish	-	-	-	-	-	-	2	-	2	2	1	3	-	-	-	-	-	-
Italian	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lithuanian	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Portuguese	-	-	-	-	-	-	-	-	-	3	-	3	-	-	-	-	-	-
Scandinavian	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-
Scotch	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Slavonic	-	-	-	-	-	-	-	-	-	2	-	2	-	-	-	-	-	-
Turkish	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mixed	-	-	-	-	-	-	-	1	1	1	-	1	-	-	-	-	-	-
Race unascertained	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	3	2	5	15	2	17	-	-	-	-	-	-

Includes "North" and "South".

Norwegians, Danes and Swedes.

Includes Bohemian, Bosnian, Croatian, Dalmatian, Herzegovinian, Montenegrin, Moravian, Polish, Russian, Ruthenian, Servian, Slovak, Slovenian.

TABLE 7. — *Race of First Admissions classified with Reference to Principal Psychoses for the Year ending September 30, 1925 — Continued*

RACE	WITH OTHER SOMATIC DISEASES			MANIC-DEPRESSIVE			INVOLUTION MELANCHOLIA			DEMENTIA PRÆCOX			PARANOIA AND PARANOID CONDITIONS			EPILEPTIC PSYCHOSES		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
African (black)	-	-	-	-	-	-	-	-	-	1	2	3	-	-	-	-	-	-
Armenian	1	-	1	-	-	-	-	-	-	7	11	18	-	-	-	-	-	-
English	-	-	-	4	-	4	1	3	4	4	1	5	-	2	2	3	-	3
Finnish	-	-	-	-	7	7	-	-	-	4	1	5	-	-	-	-	-	-
French	1	1	2	-	3	3	-	-	-	3	6	9	-	-	-	1	-	1
German	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-
Hebrew	-	-	-	1	-	1	-	-	-	-	2	2	-	-	-	-	-	-
Irish	2	-	2	2	3	5	1	-	1	6	5	11	-	-	-	-	-	-
*Italian	1	-	1	1	-	1	-	-	-	1	-	1	-	-	-	-	-	-
Lithuanian	-	-	-	-	1	1	-	-	-	-	1	1	-	-	-	-	-	-
Portuguese	-	-	-	3	3	6	-	-	-	9	4	13	-	-	-	1	-	1
†Scandinavian	1	-	1	2	-	2	-	-	-	1	-	1	-	1	1	-	-	-
Scotch	-	-	-	-	1	1	-	-	-	-	1	1	-	-	-	-	-	-
‡Slavonic	1	-	1	-	1	1	1	-	1	4	3	7	-	-	-	-	-	-
Turkish	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mixed	-	-	-	-	-	-	-	-	-	2	-	2	-	-	-	-	-	-
Race unascertained	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	7	1	8	13	19	32	3	3	6	38	37	75	-	3	3	5	-	5

*Includes "North" and "South."

†Norwegians, Danes and Swedes.

‡Includes Bohemian, Bosnian, Croatian, Dalmatian, Herzegovinian, Montenegrin, Moravian, Polish, Russian, Ruthenian, Servian, Slovak, Slovenian.

TABLE 7. — *Race of First Admissions classified with Reference to Principal Psychoses for the Year ending September 30, 1925 — Concluded*

RACE	PSYCHO-NEUROSES AND NEUROSES			WITH PSYCHOPATHIC PERSONALITY			WITH MENTAL DEFICIENCY			UNDIAGNOSED PSYCHOSES			WITHOUT PSYCHOSIS		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
African (black)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Armenian	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
English	-	2	2	-	-	-	-	1	1	5	8	13	-	1	-
Finnish	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
French	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-
German	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hebrew	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Irish	-	-	-	-	-	-	2	1	3	1	1	2	-	1	-
*Italian	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-
Lithuanian	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-
Portuguese	1	-	1	-	-	-	-	1	1	4	3	7	-	-	-
†Scandinavian	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-
Scotch	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-
‡Slavonic	-	-	-	-	-	-	1	-	1	-	1	1	-	-	-
Turkish	-	-	-	-	-	-	1	-	1	-	1	1	-	-	-
Mixed	-	-	-	-	-	-	1	1	2	-	1	1	-	-	-
Race unascertained	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-
Total	1	2	3	-	-	-	7	6	13	11	16	27	-	2	-

*Includes "North" and "South".

Norwegians, Danes and Swedes.

Includes Bohemian, Bosnian, Croatian, Dalmatian, Herzegovinian, Montenegrin, Moravian, Polish, Russian, Ruthenian, Servian, Slovak, Slovenian.

TABLE 8. — *Age of First Admissions classified with Reference to Principal Psychoses for the Year ending September 30, 1925*

PSYCHOSES	TOTAL			UNDER 15 YEARS			15 — 19 YEARS			20 — 24 YEARS			25 — 29 YEARS		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—
2. Senile	9	21	30	—	—	—	—	—	—	—	—	—	—	—	—
3. With cerebral arteriosclerosis	28	17	45	—	—	—	—	—	—	—	—	—	—	—	—
4. General paralysis	26	—	26	—	—	—	1	—	1	—	—	—	1	—	1
5. With cerebral syphilis	2	—	2	—	—	—	—	—	—	—	—	—	—	—	—
6. With Huntington's chorea	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
7. With brain tumor	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8. With other brain or nervous diseases	3	2	5	—	—	—	—	—	—	—	—	—	2	—	2
9. Alcoholic	15	2	17	—	—	—	—	—	—	—	—	—	—	—	—
0. Due to drugs and other exogenous toxins	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1. With pellagra	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2. With other somatic diseases	7	1	8	—	—	—	—	—	—	—	—	—	—	—	—
3. Manic-depressive	13	19	32	—	—	—	1	1	2	1	2	3	1	—	1
4. Involution melancholia	3	3	6	—	—	—	—	—	—	—	—	—	—	—	—
5. Dementia præcox	38	37	75	1	—	1	3	—	3	8	2	10	7	8	15
6. Paranoia or paranoid conditions	—	3	3	—	—	—	—	—	—	—	—	—	—	—	—
7. Epileptic psychoses	5	—	5	—	—	—	1	—	1	1	—	1	—	—	—
8. Psychoneuroses and neuroses	1	2	3	—	—	—	—	—	—	—	—	—	—	—	—
9. With psychopathic personality	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
0. With mental deficiency	7	6	13	1	—	1	—	—	—	1	1	2	—	—	—
1. Undiagnosed psychoses	11	16	27	—	—	—	—	—	—	1	1	2	1	1	2
2. Without psychosis	—	2	2	—	—	—	—	—	—	—	—	—	—	—	—
Total	168	132	300	2	—	2	6	1	7	12	6	18	12	9	21

TABLE 8. — *Age of First Admissions classified with Reference to Principal Psychoses for the Year ending September 30, 1925 — Continued*

PSYCHOSES	30 — 34 YEARS			35 — 39 YEARS			40 — 44 YEARS			45 — 49 YEARS			50 — 54 YEARS		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Traumatic	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—
Senile	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
With cerebral arteriosclerosis	—	—	—	—	—	—	1	—	1	—	1	1	1	1	2
General paralysis	—	—	—	5	—	5	3	—	3	8	—	8	3	—	3
With cerebral syphilis	—	—	—	—	—	—	1	—	1	—	—	—	—	—	—
With Huntington's chorea	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
With brain tumor	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
With other brain or nervous diseases	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1
Alcoholic	1	—	1	1	—	1	1	—	1	4	—	4	5	—	5
Due to drugs and other exogenous toxins	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
With pellagra	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
With other somatic diseases	1	—	1	—	—	—	2	—	2	2	—	2	1	1	2
Manic-depressive	3	2	5	3	1	4	—	4	4	1	4	5	1	3	4
Involution melancholia	—	—	—	—	—	—	—	—	—	—	1	1	1	—	1
Dementia præcox	5	8	13	4	9	13	6	4	10	3	4	7	—	1	1
Paranoia or paranoid conditions	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1
Epileptic psychoses	1	—	1	—	—	—	—	—	—	—	—	—	1	—	1
Psychoneuroses and neuroses	—	—	—	1	—	1	—	—	—	—	1	1	—	1	1
With psychopathic personality	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
With mental deficiency	2	1	3	—	3	3	—	1	1	—	—	—	2	—	2
Undiagnosed psychoses	2	1	3	3	2	5	—	2	2	—	—	—	1	2	3
Without psychosis	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1
Total	15	13	28	17	15	32	14	11	25	18	11	29	16	12	28

TABLE 8. — *Age of First Admissions classified with Reference to Principal Psychoses for the Year ending September 30, 1925 — Concluded*

PSYCHOSES	55 — 59 YEARS			60 — 64 YEARS			65 — 69 YEARS			70 years and over		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	—	—	—	—	—	—	—	—	—	—	—	—
2. Senile	—	—	—	2	3	5	1	4	5	6	14	20
3. With cerebral arteriosclerosis	2	—	2	3	2	5	2	2	4	19	11	30
4. General paralysis	3	—	3	1	—	1	1	—	1	—	—	—
5. With cerebral syphilis	1	—	1	—	—	—	—	—	—	—	—	—
6. With Huntington's chorea	—	—	—	—	—	—	—	—	—	—	—	—
7. With brain tumor	—	—	—	—	—	—	—	—	—	—	—	—
8. With other brain or nervous diseases	—	—	—	1	1	2	—	—	—	—	—	—
9. Alcoholic	2	1	3	1	1	2	—	—	—	—	—	—
10. Due to drugs and other exogenous toxins	—	—	—	—	—	—	—	—	—	—	—	—
11. With pellagra	—	—	—	—	—	—	—	—	—	—	—	—
12. With other somatic diseases	1	—	1	—	—	—	—	—	—	—	—	—
13. Manic-depressive	2	1	3	—	1	1	—	—	—	—	—	—
14. Involution melancholia	1	1	2	1	—	1	—	1	1	—	—	—
15. Dementia præcox	1	—	1	—	1	1	—	—	—	—	—	—
16. Paranoia or paranoid conditions	—	1	1	—	—	—	—	1	1	—	—	—
17. Epileptic psychoses	—	—	—	—	—	—	1	—	1	—	—	—
18. Psychoneuroses and neuroses	—	—	—	—	—	—	—	—	—	—	—	—
19. With psychopathic personality	—	—	—	—	—	—	—	—	—	—	—	—
20. With mental deficiency	—	—	—	—	—	—	1	—	1	—	—	—
21. Undiagnosed psychoses	1	3	4	2	2	4	—	—	—	—	2	2
22. Without psychosis	—	—	—	—	—	—	—	1	1	—	—	—
Total	14	7	21	11	11	22	6	9	15	25	27	52

TABLE 9.—*Degree of Education of First Admissions classified with Reference to Principal Psychoses for the Year ending September 30, 1925*

PSYCHOSES	TOTAL			ILLITERATE			READS AND WRITES *			COMMON SCHOOL			HIGH SCHOOL			COLLEGE		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	—	1	1	—	—	—	—	1	1	—	—	—	—	—	—	—	—	—
2. Senile	9	21	30	—	4	6	—	7	9	—	4	11	1	—	3	—	—	—
3. With cerebral arteriosclerosis	28	17	45	3	2	5	2	3	5	7	20	28	3	1	6	—	1	1
4. General paralysis	26	—	26	3	—	3	2	—	3	8	17	17	3	—	3	—	1	—
5. With cerebral syphilis	2	—	2	—	—	—	1	—	1	—	1	1	—	—	—	—	—	—
6. With Huntington's chorea	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
7. With brain tumor	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8. With other brain or nervous diseases	3	2	5	—	—	—	1	—	1	1	1	2	1	—	2	—	—	—
9. Alcoholic	15	2	17	6	—	6	2	1	3	5	—	6	2	—	2	—	—	—
10. Due to drugs and other exogenous toxins	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11. With pellagra	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
12. With other somatic diseases	7	1	8	1	—	1	4	1	5	2	—	—	—	—	—	—	—	—
13. Manic-depressive	13	19	32	2	1	3	2	4	6	6	11	17	3	3	6	—	—	—
14. Involution melancholia	3	3	6	—	—	—	1	—	1	1	1	3	1	—	2	—	—	—
15. Dementia praecox	38	37	75	6	4	10	6	8	14	22	23	45	4	2	6	—	—	—
16. Paranoia or paranoid conditions	—	3	3	—	1	1	1	—	1	—	4	2	—	—	—	—	—	—
17. Epileptic psychoses	—	5	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
18. Psychoneuroses and neuroses	1	2	3	—	—	—	1	—	1	—	—	2	—	—	—	—	—	—
19. With psychopathic personality	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20. With mental deficiency	7	6	13	3	4	7	2	1	3	2	2	1	—	—	—	—	—	—
21. Undiagnosed psychoses	11	16	27	1	2	3	3	7	10	6	5	11	—	—	1	—	2	2
22. Without psychosis	—	2	2	—	1	1	—	1	1	—	—	—	—	—	—	—	—	—
Total	168	132	300	27	19	46	31	34	65	91	63	154	19	12	31	—	4	4

* Includes those who did not complete fourth grade in school.

TABLE 10. — *Environment of First Admissions classified with Reference to Principal Psychoses for the Year ending September 30, 1925*

PSYCHOSES	TOTAL			URBAN			RURAL		
	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	—	1	1	—	1	1	—	—	—
2. Senile	9	21	30	7	21	28	2	—	2
3. With cerebral arteriosclerosis	28	17	45	27	16	43	1	1	2
4. General paralysis	26	—	26	25	—	25	1	—	1
5. With cerebral syphilis	2	—	2	2	—	2	—	—	—
6. With Huntington's chorea	—	—	—	—	—	—	—	—	—
7. With brain tumor	—	—	—	—	—	—	—	—	—
8. With other brain or nervous diseases	3	2	5	3	2	5	—	—	—
9. Alcoholic	15	2	17	15	2	17	—	—	—
10. Due to drugs and other exogenous toxins	—	—	—	—	—	—	—	—	—
11. With pellagra	—	—	—	—	—	—	—	—	—
12. With other somatic diseases	7	1	8	7	1	8	—	—	—
13. Manic-depressive	13	19	32	12	19	31	1	—	1
14. Involution melancholia	3	3	6	3	3	6	—	—	—
15. Dementia præcox	38	37	75	35	35	70	3	2	5
16. Paranoia or paranoid conditions	—	3	3	—	3	3	—	—	—
17. Epileptic psychoses	5	—	5	5	—	5	—	—	—
18. Psychoneuroses and neuroses	1	2	3	1	2	3	—	—	—
19. With psychopathic personality	—	—	—	—	—	—	—	—	—
20. With mental deficiency	7	6	13	6	6	12	1	—	1
21. Undiagnosed psychoses	11	16	27	11	14	25	—	2	2
22. Without psychosis	—	2	2	—	2	2	—	—	—
Total	168	132	300	159	127	286	9	5	14

TABLE 11. — *Economic Condition of First Admissions classified with Reference to Principal Psychoses for the Year ending September 30, 1925*

PSYCHOSES	TOTAL			DEPENDENT			MARGINAL			COMFORTABLE		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	—	1	1	—	1	1	—	—	—	—	—	—
2. Senile	9	21	30	1	6	7	6	11	17	2	4	6
3. With cerebral arteriosclerosis	28	17	45	2	4	6	22	12	34	4	1	5
4. General paralysis	26	—	26	1	—	1	21	—	21	4	—	4
5. With cerebral syphilis	2	—	2	—	—	—	2	—	2	—	—	—
6. With Huntington's chorea	—	—	—	—	—	—	—	—	—	—	—	—
7. With brain tumor	—	—	—	—	—	—	—	—	—	—	—	—
8. With other brain or nervous diseases	3	2	5	1	—	1	2	1	3	—	1	—
9. Alcoholic	15	2	17	—	1	1	14	1	15	1	—	—
10. Due to drugs and other exogenous toxins	—	—	—	—	—	—	—	—	—	—	—	—
11. With pellagra	—	—	—	—	—	—	—	—	—	—	—	—
12. With other somatic diseases	7	1	8	2	—	2	5	1	6	—	—	—
13. Manic-depressive	13	19	32	2	3	5	9	13	22	2	3	—
14. Involution melancholia	3	3	6	—	—	—	3	3	6	—	—	—
15. Dementia præcox	38	37	75	6	3	9	27	31	58	5	3	—
16. Paranoia or paranoid conditions	—	3	3	—	—	—	—	2	2	—	1	—
17. Epileptic psychoses	5	—	5	—	—	—	5	—	5	—	—	—
18. Psychoneuroses and neuroses	1	2	3	1	—	1	—	1	1	—	1	—
19. With psychopathic personality	—	—	—	—	—	—	—	—	—	—	—	—
20. With mental deficiency	7	6	13	3	2	5	4	4	8	—	—	—
21. Undiagnosed psychoses	11	16	27	2	5	7	9	11	20	—	—	—
22. Without psychosis	—	2	2	—	—	—	—	1	1	—	1	—
Total	168	132	300	21	25	46	129	92	221	18	15	33

TABLE 12. — *Use of Alcohol by First Admissions classified with Reference to Principal Psychoses for the Year ending September 30, 1925*

PSYCHOSES	TOTAL			ABSTINENT			TEMPERATE			INTEMPERATE		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	—	1	1	—	1	1	—	—	—	—	—	—
2. Senile	9	21	30	3	19	22	6	2	8	—	—	—
3. With cerebral arteriosclerosis	28	17	45	10	17	27	11	—	11	7	—	7
4. General paralysis	26	—	26	9	—	9	8	—	8	9	—	9
5. With cerebral syphilis	2	—	2	1	—	1	—	—	—	1	—	1
6. With Huntington's chorea	—	—	—	—	—	—	—	—	—	—	—	—
7. With brain tumor	—	—	—	—	—	—	—	—	—	—	—	—
8. With other brain or nervous diseases	3	2	5	—	2	2	2	—	2	1	—	1
9. Alcoholic	15	2	17	—	—	—	—	—	—	15	2	17
0. Due to drugs and other exogenous toxins	—	—	—	—	—	—	—	—	—	—	—	—
1. With pellagra	—	—	—	—	—	—	—	—	—	—	—	—
2. With other somatic diseases	7	1	8	2	1	3	3	—	3	2	—	2
3. Manic-depressive	13	19	32	7	17	24	6	2	8	—	—	—
4. Involution melancholia	3	3	6	3	3	6	—	—	—	—	—	—
5. Dementia præcox	38	37	75	22	34	56	14	2	16	2	1	3
6. Paranoia or paranoid conditions	—	3	3	—	3	3	—	—	—	—	—	—
7. Epileptic psychoses	5	—	5	5	—	5	—	—	—	—	—	—
8. Psychoneuroses and neuroses	1	2	3	1	2	3	—	—	—	—	—	—
9. With psychopathic personality	—	—	—	—	—	—	—	—	—	—	—	—
0. With mental deficiency	7	6	13	6	6	12	1	—	1	—	—	—
1. Undiagnosed psychoses	11	16	27	6	14	20	3	2	5	2	—	2
2. Without psychosis	—	2	2	—	1	1	—	—	—	—	1	1
Total	168	132	300	75	120	195	54	8	62	39	4	43

TABLE 13. — *Marital Condition of First Admissions classified with Reference to Principal Psychoses for the Year ending September 30, 1925*

Psychoses	TOTAL			SINGLE			MARRIED			WIDOWED			SEPARATED			DIVORCED		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	9	1	1	1	1	1	6	9	15	1	1	2	1	1	1	1	1	1
2. Senile	28	21	30	2	3	4	14	6	20	11	9	10	1	1	1	1	1	1
3. With cerebral arteriosclerosis	26	17	45	8	4	8	17	6	17	1	7	18	1	1	1	1	1	1
4. General paralysis	2	—	26	—	—	—	1	—	1	1	—	—	—	—	—	—	—	—
5. With cerebral syphilis	—	—	2	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—
6. With Huntington's chorea	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
7. With brain tumor	3	2	5	1	—	—	2	1	3	—	—	—	—	—	—	—	—	—
8. With other brain or nervous diseases	15	2	17	4	—	4	10	1	10	—	2	2	1	—	1	—	—	—
9. Alcoholic	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10. Due to drugs and other exogenous toxins	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11. With pellagra	7	1	8	1	—	—	4	—	5	1	—	—	—	—	—	—	—	—
12. With other somatic diseases	13	19	32	5	3	8	7	14	21	1	1	2	—	—	—	1	1	1
13. Manic-depressive	3	3	6	2	1	3	1	1	2	1	1	1	—	—	—	—	—	—
14. Involution melancholia	38	37	75	20	12	32	17	23	40	1	1	2	1	—	1	—	—	—
15. Dementia præcox	—	3	3	3	1	3	2	1	2	—	1	1	—	—	—	—	—	—
16. Paranoia or paranoid conditions	5	5	5	3	—	3	—	—	1	—	—	—	—	—	—	—	—	—
17. Epileptic psychoses	1	2	3	1	1	2	—	1	1	—	—	—	—	—	—	—	—	—
18. Psychoneuroses and neuroses	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
19. With psychopathic personality	7	6	13	7	5	12	—	—	1	—	—	—	—	—	—	—	—	—
20. With mental deficiency	11	16	27	6	3	9	5	7	12	—	5	5	—	—	—	—	1	1
21. Undiagnosed psychoses	—	2	2	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—
22. Without psychosis	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	168	132	300	61	35	96	86	65	151	16	29	45	2	1	3	3	2	5

TABLE 14. — *Psychoses of Readmissions for the Year ending September 30, 1925*

PSYCHOSES	M.	F.	T.
Traumatic psychoses	—	—	—
Senile psychoses	—	—	—
Psychoses with cerebral arteriosclerosis	2	—	2
General paralysis	2	1	3
Psychoses with cerebral syphilis	—	—	—
Psychoses with Huntington's chorea	—	—	—
Psychoses with brain tumor	—	—	—
Psychoses with other brain or nervous diseases	—	1	1
Alcoholic psychoses	2	2	4
Psychoses due to drugs and other exogenous toxins	1	—	1
Psychoses with pellagra	5	—	5
Psychoses with other somatic diseases	—	—	—
Manic-depressive psychoses	—	7	7
Involution melancholia	—	—	—
Dementia præcox	18	13	31
Paranoia and paranoid conditions	—	—	—
Epileptic psychoses	—	—	—
Psychoneuroses and neuroses	—	—	—
Psychoses with psychopathic personality	—	—	—
Psychoses with mental deficiency	—	1	1
Undiagnosed psychoses	—	4	4
Without psychosis	1	—	1
Total	31	29	60

TABLE 15. — *Discharges of Patients classified with Reference to Principal Psychoses and Condition on Discharge for the Year ending September 30, 1925*

PSYCHOSES	TOTAL			RECOVERED			IMPROVED			UNIMPROVED		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Traumatic	—	1	1	—	—	—	—	1	1	—	—	—
Senile	2	5	7	—	—	—	2	2	4	—	3	3
With cerebral arteriosclerosis	7	3	10	—	—	—	7	3	10	—	—	—
General paralysis	2	2	4	—	—	—	1	—	1	1	2	3
With cerebral syphilis	—	—	—	—	—	—	—	—	—	—	—	—
With Huntington's chorea	—	—	—	—	—	—	—	—	—	—	—	—
With brain tumor	—	—	—	—	—	—	—	—	—	—	—	—
With other brain or nervous diseases	1	—	1	—	—	—	—	—	—	1	—	1
Alcoholic	23	4	27	5	—	5	17	4	21	1	—	1
Due to drugs and other exogenous toxins	—	—	—	—	—	—	—	—	—	—	—	—
With pellagra	—	—	—	—	—	—	—	—	—	—	—	—
With other somatic diseases	6	1	7	3	—	3	3	1	4	—	—	—
Manic-depressive	6	24	30	—	1	1	6	19	25	—	4	4
Involution melancholia	—	4	4	—	—	—	—	3	3	—	1	1
Dementia præcox	35	32	67	—	—	—	27	27	54	8	5	13
Paranoia or paranoid conditions	1	—	1	—	—	—	1	—	1	—	—	—
Epileptic psychoses	1	2	3	—	—	—	1	2	3	—	—	—
Psychoneuroses and neuroses	2	2	4	—	—	—	2	1	3	—	1	1
With psychopathic personality	1	—	1	—	—	—	1	—	1	—	—	—
With mental deficiency	7	5	12	—	—	—	6	3	9	1	2	3
Undiagnosed psychoses	4	8	12	—	1	1	3	6	9	1	1	2
Without psychosis	1	13	14	—	—	—	—	—	—	—	—	—
Total	99	106	205	8	2	10	77	72	149	13	19	32

TABLE 16. — Causes of Death of Patients classified with Reference to Principal Psychoses for the Year ending September 30, 1925

CAUSES OF DEATH	TOTAL			SENILE			WITH CEREBRAL ARTERIO-SCLEROSIS			GENERAL PARALYSIS			ALCOHOLIC			MANIC-DEPRESSIVE			INVOLUTION-MELANCHOLIA		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
<i>General Diseases</i>																					
Lethargic encephalitis	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Septicæmia	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Acute articular rheumatism	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Tuberculosis of lungs	3	4	7	—	1	1	—	1	1	—	—	—	1	—	1	—	1	—	—	—	—
Other forms of tuberculosis	4	4	8	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cancer	1	1	2	—	1	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Tumor (non-cancerous)	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
<i>Nervous System</i>																					
Apoplexy (cerebral hemorrhage)	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General paralysis of insane	9	4	13	—	—	—	—	—	—	9	4	13	—	—	—	—	—	—	—	—	—
Cerebro-spinal syphilis	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Exhaustion from other mental diseases	2	—	2	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—
<i>Circulatory System</i>																					
Pericarditis	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Endocarditis and myocarditis	3	9	12	1	—	1	—	—	1	—	—	—	—	—	—	1	1	2	—	—	—
Other diseases of the heart	2	—	2	—	—	—	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—
Arteriosclerosis	23	10	33	5	2	7	13	6	19	—	—	—	1	—	—	—	—	—	—	—	—
Other diseases of circulatory system	1	—	1	—	—	—	—	—	—	1	—	1	—	—	—	—	—	—	1	1	2
<i>Respiratory System</i>																					
Bronchopneumonia	18	9	27	2	4	6	10	3	13	3	—	3	—	—	—	1	—	1	1	—	2
Lobar pneumonia	5	4	9	—	—	—	1	—	1	3	—	3	—	—	—	—	—	—	—	—	—
<i>Digestive System</i>																					
Diarrhea and enteritis	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	1	—	1	—	—	—
Cirrhosis of liver	1	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other diseases of liver	—	1	1	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
<i>Genito-Urinary System</i>																					
Chronic nephritis	2	2	4	1	1	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Diseases of bladder	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other diseases of genito-urinary system	—	1	1	—	—	—	—	—	—	—	1	1	—	—	—	—	—	—	—	—	—
<i>Diseases of the Skin</i>																					
Gangrene	1	—	1	—	—	—	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—
<i>Violence</i>																					
Suicide	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Accidental traumatism	1	1	1	—	—	—	—	—	—	—	—	—	1	—	—	—	1	1	—	—	—
Other external violence	2	1	3	—	—	—	1	—	1	1	—	1	—	—	—	—	1	1	—	—	—

CAUSE OF DEATH	PRE-COX			PARANOID CONDITIONS			PSYCHOTIC PSYCHOSES AND NEUROSES			PSYCHOPATHIC PERSONALITY			MENTAL DEFICIENCY			ALL OTHER PSYCHOSES		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
<i>General Diseases</i>																		
Lethargic encephalities																		
Septicæmia		1	1													1		1
Acute articular rheumatism																1		1
Tuberculosis of lungs	2	1	3															
Other forms of tuberculosis	2	4	6						1									
Cancer																		
Tumor (non-cancerous)	1		1															
<i>Nervous System</i>																		
Apoplexy (cerebral hemorrhage)																1		1
General paralysis of insane																		
Cerebro-spinal syphilis																1	1	1
Exhaustion from other mental diseases													1					
<i>Circulatory System</i>																		
Pericarditis		1	1															
Endocarditis and myocarditis		5	5														2	2
Other diseases of the heart	1		1													1		1
Arteriosclerosis	2	1	3															
Other diseases of circulatory system																		
<i>Respiratory System</i>																		
Bronchopneumonia		1	1										1	1	2		1	1
Lobar pneumonia																		
<i>Digestive System</i>																		
Diarrhea and enteritis																		
Cirrhosis of liver																		
Other diseases of liver																		
<i>Genito-Urinary System</i>																		
Chronic nephritis		1	1													1		1
Diseases of bladder	1		1															
Other diseases of genito-urinary system																		
<i>Diseases of the Skin</i>																		
Gangrene																		
<i>Violence</i>																		
Suicide																		
Accidental traumatism																		
Other external violence																		
Total	9	15	24				1						2	2	4	6	4	10

• Includes group 22 "without psychosis"

TABLE 17. — Age of Patients at Time of Death classified with Reference to Principal Psychoses for the Year ending September 30, 1925

PSYCHOSES	TOTAL			UNDER 15 YEARS			15 — 19 YEARS			20 — 24 YEARS			25 — 29 YEARS			30 — 34 YEARS			35 — 39 YEARS			
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	
1. Traumatic	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2. Senile	9	10	19	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3. With cerebral arteriosclerosis	30	10	40	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4. General paralysis	17	5	22	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
5. With cerebral syphilis	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6. With Huntington's chorea	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
7. With brain tumor	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8. With other brain or nervous diseases	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
9. Alcoholic	3	1	4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10. Due to drugs and other exogenous toxins	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11. With pellagra	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
12. With other somatic diseases	3	1	4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
13. Manic-depressive	4	5	9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
14. Involution melancholia	2	3	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
15. Dementia præcox	9	15	24	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
16. Paranoia or paranoid conditions	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
17. Epileptic psychoses	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
18. Psychoneuroses and neuroses	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
19. With psychopathic personality	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20. With mental deficiency	2	2	4	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
21. Undiagnosed psychoses	2	2	4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
22. Without psychosis	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	83	55	138	1	—	1	—	—	—	2	—	—	2	—	—	—	1	1	2	2	7	9

PSYCHOSES	40—44 YEARS			45—49 YEARS			50—54 YEARS			55—59 YEARS			60—64 YEARS			65—69 YEARS			70 YEARS AND OVER		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2. Senile	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3. With cerebral arteriosclerosis	6	1	7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4. General paralysis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5. With cerebral syphilis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6. With Huntington's chorea	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7. With brain tumor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8. With other brain or nervous diseases	1	-	1	-	-	-	1	-	-	1	1	2	-	-	-	-	-	-	-	-	-
9. Alcoholic	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10. Due to drugs and other exogenous toxins	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11. With pellagra	1	-	1	-	-	-	-	-	-	1	1	1	-	-	-	-	-	-	-	-	-
12. With other somatic diseases	-	-	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
13. Manic-depressive	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14. Involution melancholia	-	-	-	-	1	1	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-
15. Dementia præcox	-	2	2	3	3	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16. Paranoia or paranoid conditions	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17. Epileptic psychoses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18. Psychoneuroses and neuroses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19. With psychopathic personality	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20. With mental deficiency	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21. Undiagnosed psychoses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22. Without psychosis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	9	3	12	5	6	11	8	8	16	4	4	8	8	3	11	11	6	17	32	17	49

TABLE 18. — *Total Duration of Hospital Life of Patients dying in Hospital classified according to Principal Psychoses for the Year ending September 30, 1925*

PSYCHOSES	TOTAL			LESS THAN 1 MONTH			1 — 3 MONTHS			4 — 7 MONTHS		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	—	—	—	—	—	—	—	—	—	—	—	—
2. Senile	9	10	19	—	2	2	2	1	3	—	2	2
3. With cerebral arteriosclerosis	30	10	40	9	3	12	11	2	13	3	2	5
4. General paralysis	17	5	22	2	—	2	3	—	3	5	1	6
5. With cerebral syphilis	—	1	1	—	—	—	—	—	—	—	—	—
6. With Huntington's chorea	—	—	—	—	—	—	—	—	—	—	—	—
7. With brain tumor	—	—	—	—	—	—	—	—	—	—	—	—
8. With other brain or nervous diseases	1	—	1	—	—	—	1	—	1	—	—	—
9. Alcoholic	3	1	4	—	—	—	—	—	—	1	—	—
10. Due to drugs and other exogenous toxins	—	—	—	—	—	—	—	—	—	—	—	—
11. With pellagra	—	—	—	—	—	—	—	—	—	—	—	—
12. With other somatic diseases	3	1	4	1	1	2	1	—	1	1	—	—
13. Manic-depressive	4	5	9	1	—	1	—	1	1	—	1	—
14. Involution melancholia	2	3	5	—	—	—	—	—	—	1	—	—
15. Dementia præcox	9	15	24	—	2	2	—	—	—	—	1	—
16. Paranoia or paranoid conditions	—	—	—	—	—	—	—	—	—	—	—	—
17. Epileptic psychoses	1	—	1	—	—	—	—	—	—	—	—	—
18. Psychoneuroses and neuroses	—	—	—	—	—	—	—	—	—	—	—	—
19. With psychopathic personality	—	—	—	—	—	—	—	—	—	—	—	—
20. With mental deficiency	2	2	4	—	—	—	1	—	1	—	1	—
21. Undiagnosed psychoses	2	2	4	1	1	2	1	—	1	—	—	—
22. Without psychosis	—	—	—	—	—	—	—	—	—	—	—	—
Total	83	55	138	14	9	23	20	4	24	11	8	19

TABLE 18. — *Total Duration of Hospital Life of Patients dying in Hospital classified according to Principal Psychoses for the Year ending September 30, 1925 — Continued*

PSYCHOSES	8 — 12 MONTHS			1 — 2 YEARS			3 — 4 YEARS			5 — 6 YEARS		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	—	—	—	—	—	—	—	—	—	—	—	—
2. Senile	—	2	2	4	—	4	2	2	4	—	1	—
3. With cerebral arteriosclerosis	2	—	2	3	3	6	1	—	1	—	—	—
4. General paralysis	—	—	—	5	2	7	1	—	1	—	—	—
5. With cerebral syphilis	—	—	—	—	—	—	—	1	1	—	—	—
6. With Huntington's chorea	—	—	—	—	—	—	—	—	—	—	—	—
7. With brain tumor	—	—	—	—	—	—	—	—	—	—	—	—
8. With other brain or nervous diseases	—	—	—	—	—	—	—	—	—	—	—	—
9. Alcoholic	—	—	—	—	—	—	—	—	—	—	1	—
10. Due to drugs and other exogenous toxins	—	—	—	—	—	—	—	—	—	—	—	—
11. With pellagra	—	—	—	—	—	—	—	—	—	—	—	—
12. With other somatic diseases	—	—	—	—	—	—	—	—	—	—	—	—
13. Manic-depressive	1	—	1	—	—	—	—	—	—	1	1	—
14. Involution melancholia	—	1	1	—	1	1	—	—	—	—	—	—
15. Dementia præcox	—	—	—	—	1	1	1	3	4	1	3	—
16. Paranoia or paranoid conditions	—	—	—	—	—	—	—	—	—	—	—	—
17. Epileptic psychoses	—	—	—	—	—	—	1	—	1	—	—	—
18. Psychoneuroses and neuroses	—	—	—	—	—	—	—	—	—	—	—	—
19. With psychopathic personality	—	—	—	—	—	—	—	—	—	—	—	—
20. With mental deficiency	—	—	—	—	—	—	1	1	2	—	—	—
21. Undiagnosed psychoses	—	—	—	—	—	—	—	—	—	—	—	—
22. Without psychosis	—	—	—	—	—	—	—	—	—	—	—	—
Total	3	3	6	12	8	20	7	7	14	2	6	—

TABLE 18. — *Total Duration of Hospital Life of Patients dying in Hospital classified according to Principal Psychoses for the Year ending September 30, 1925. — Continued*

PSYCHOSES	7 — 8 YEARS			9 — 10 YEARS			11 — 12 YEARS		
	M.	F.	T.	M.	F.	T.	M.	F.	T.
Traumatic	—	—	—	—	—	—	—	—	—
Senile	—	—	—	—	—	—	1	—	1
With cerebral arteriosclerosis	1	—	1	—	—	—	—	—	—
General paralysis	—	1	1	—	—	—	—	—	—
With cerebral syphilis	—	—	—	—	—	—	—	—	—
With Huntington's chorea	—	—	—	—	—	—	—	—	—
With brain tumor	—	—	—	—	—	—	—	—	—
With other brain or nervous diseases	—	—	—	—	—	—	—	—	—
Alcoholic	—	—	—	—	—	—	—	—	—
Due to drugs and other exogenous toxins	—	—	—	—	—	—	—	—	—
With pellagra	—	—	—	—	—	—	—	—	—
With other somatic diseases	—	—	—	—	—	—	—	—	—
Manic depressive	—	—	—	—	—	—	—	—	—
Involution melancholia	—	—	—	—	—	—	—	—	—
Dementia præcox	1	2	3	3	1	4	1	1	2
Paranoia or paranoid conditions	—	—	—	—	—	—	—	—	—
Epileptic psychoses	—	—	—	—	—	—	—	—	—
Psychoneuroses and neuroses	—	—	—	—	—	—	—	—	—
With psychopathic personality	—	—	—	—	—	—	—	—	—
With mental deficiency	—	—	—	—	—	—	—	—	—
Undiagnosed psychoses	—	—	—	—	—	—	—	—	—
Without psychosis	—	—	—	—	—	—	—	—	—
Total	2	3	5	3	1	4	2	1	3

TABLE 18. — *Total Duration of Hospital Life of Patients dying in Hospital classified according to Principal Psychoses for the Year ending September 30, 1925 — Concluded*

PSYCHOSES	13 — 14 YEARS			15 — 19 YEARS			20 YEARS AND OVER		
	M.	F.	T.	M.	F.	T.	M.	F.	T.
Traumatic	—	—	—	—	—	—	—	—	—
Senile	—	—	—	—	—	—	—	—	—
With cerebral arteriosclerosis	—	—	—	—	—	—	—	—	—
General paralysis	—	—	—	—	1	1	1	—	1
With cerebral syphilis	—	—	—	—	—	—	—	—	—
With Huntington's chorea	—	—	—	—	—	—	—	—	—
With brain tumor	—	—	—	—	—	—	—	—	—
With other brain or nervous diseases	—	—	—	—	—	—	—	—	—
Alcoholic	—	—	—	2	—	2	—	—	—
Due to drugs and other exogenous toxins	—	—	—	—	—	—	—	—	—
With pellagra	—	—	—	—	—	—	—	—	—
With other somatic diseases	—	—	—	—	—	—	—	—	—
Manic-depressive	—	—	—	1	1	2	—	1	1
Involution melancholia	1	—	1	—	1	1	—	—	—
Dementia præcox	—	1	1	1	—	1	1	—	1
Paranoia or paranoid conditions	—	—	—	—	—	—	—	—	—
Epileptic psychoses	—	—	—	—	—	—	—	—	—
Psychoneuroses and neuroses	—	—	—	—	—	—	—	—	—
With psychopathic personality	—	—	—	—	—	—	—	—	—
With mental deficiency	—	—	—	—	—	—	—	—	—
Undiagnosed psychoses	—	—	—	—	1	1	—	—	—
Without psychosis	—	—	—	—	—	—	—	—	—
Total	1	1	2	4	3	7	2	1	3

TABLE 19. — *Family Care Department for the Year ending September 30, 1925*

	M.	F.	T.
Remaining September 30, 1924	2	11	13
Admitted within the year	—	—	—
Whole number of cases within the year	2	11	13
Dismissed within the year	—	1	1
Discharged	—	—	—
Died	—	—	—
Visit	—	—	—
Escape	—	—	—
Remaining September 30, 1925	2	10	12
Number of different persons within year	2	11	13
Number of different persons admitted	—	—	—
Number of different persons dismissed	—	1	1
Daily average number	2	10.9396	12.9396

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The Commonwealth of Massachusetts

ANNUAL REPORT

OF

THE TRUSTEES

OF THE

see TAUNTON STATE HOSPITAL *(Increase)*

FOR THE

YEAR ENDING NOVEMBER 30, 1926

DEPARTMENT OF MENTAL DISEASES



REPLICATION OF THIS DOCUMENT APPROVED BY THE COMMISSION ON ADMINISTRATION AND FINANCE
1-27. Order 8833.

OCCUPATIONAL PRINTING PLANT
DEPARTMENT OF MENTAL DISEASES
GARDNER STATE COLONY
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The Commonwealth of Massachusetts

TRUSTEES' REPORT

To His Excellency, the Governor and the Honorable Council:

The trustees of the Taunton State Hospital present herewith the seventy-third annual report, together with the Superintendent's report, financial report and statistical tables.

On Sept. 24, 1926, we were notified of the sudden death of Hon. Philip E. Braden who for thirteen years had served as a member of our Board. It is with the deepest regret that we must announce the loss of a member who had served so long and so faithfully. His interest in the affairs of the hospital was always keen and he never failed to respond when called upon to serve. His being a member of the legal profession made him extremely useful to the Superintendent and the frequent calls for advice were always answered promptly. A vacancy which will be very difficult to fill has been created. The Board is sincere in its sympathy for the

deceased relatives. The following is a copy of the resolution written by Charles C. Cain, Jr. which has by unanimous vote, been inserted in the records of the Board.

To know Judge Brady was a privilege. Gifted and trained, scholarly and courteous, he was finely equipped for the public service and he brought to the position of Trustee a wide experience and a keen interest, especially in the human side of the problems. He was devoted and untiring through many years, yet his principal concern came from anxiety lest he was not bearing his full share of the burdens. At the board sessions his judgment was invaluable and his faculty for good-humored analysis of involved situations aided the Trustees again and again.

Their official loss is second to their personal. The judge is missed and mourned as a colleague with whom it was a delight to serve, and his associates will long cherish their memories of him as a rich heritage. The State and this hospital have lost a capable official, but we have lost a friend.

It is encouraging to note that the building program which was suggested in our last year's report has met with approval, and that appropriations granted this year have made possible the new quarters for the industries and the erection of the walls and roof of the additions necessary to change the old industrial building into a storehouse. As soon as these buildings are completed, the way will be clear to start work on the new kitchen and bakery section and it is hoped that an appropriation for this purpose will be made during the coming year. In addition to the above, special appropriations have made possible the erection of two officers' cottages, two new stairways, the fire-proofing of many doors with sheet metal, the construction of six new stand-pipes in the Main Building and a sprinkler system in the Laundry Building. These improvements have done much to make the building fire-resisting but without question, there is still much work to be done on this line. New fire walls, additional sprinklers, fire-proof floors, etc., are badly needed, and it is hoped that more money will be appropriated this year for this purpose.

The Board is interested in the items requested under Repairs and Renewals for the coming year and especially so in the money requested to start the building of fire-proof floors, a policy which has been adopted after much investigation and thought. The requests for special appropriation for the coming year as are follows:

1. Additional funds necessary to complete the storehouse building.
2. Equipment for storehouse building.
3. Renovations and additions to service building necessary to the reconstruction of the main kitchen, bakery, patients' and employees' dining rooms and chapel.
4. Equipment for the bakery, kitchen and dining rooms.
5. Two cottages for officers.
6. Furnishings for four officers' cottages.
7. Building for married employees.
8. Purchase of certain property on Albion Avenue.
9. Bridge, sidewalk and road at the proposed new Bay Street entrance.

The items listed above constitute that part of the ten-year building program which has been recently laid out, which the members of your Board believe could without difficulty be accomplished within the limits of the coming year.

In the past, much ward space has been added to the institution without any mention having been given to the Service Section. It is therefore imperative that the providing of suitable facilities for the proper storing, cooking and serving of food be the first step in our program. All plans for future construction are based upon the population of 2,000 patients as your Board is certain that if the

hospital is to take care of all the patients in its district in the years that are to come, quarters for that number will be necessary. The construction for which appropriations are being requested this year will furnish storage and kitchen space sufficient to take care of both the patients and the employees in an institution of that size. The congregate dining room will provide accommodation for all of the patients which can properly be housed in the existing main building. The employee's dining rooms will accommodate the employees necessary in an institution of 2,000 patients.

It is planned that eventually all of the patients living in the present main building will be ambulatory and able to go to the projected congregate dining room. This will necessitate removing all of those who are not able to go to the congregate dining room from this building. This plan seems to be advisable because patients who cannot go to the congregate dining room must be fed elsewhere and this being so, it would seem that this would be better handled in modern detached buildings; consequently, the following buildings for patients are suggested:

Admission Building, to accommodate 120 patients.

Hospital Building, to accommodate 80 patients.

Building for those suffering from tuberculosis, to accommodate 100 patients.

Two buildings for the continued treatment classes, to accommodate 200 patients.

Two buildings for the infirm, to accommodate 300 patients.

The buildings necessary to take care of additional employees and increase activities of the farm.

Of course this program is only a tentative one and will no doubt be changed as time goes on.

Your attention is again invited to the project calling for the establishment of a new entrance on Bay Street. Some progress in improving the grounds now owned by the hospital has been made this year and it is believed that if the appropriation for this purpose is made during the coming year, this work could be completed. The entrance, without doubt, would be a great convenience not only to the relatives of patients, but to the employees of the hospital.

Much has been accomplished in the way of general repairs and it is believed that the condition of the buildings and real estate is constantly improving. As the appropriation under the heading of "Repairs Ordinary" was not sufficient last year, it is urged that more money be appropriated under this heading during the coming year.

The attention of the public in general, as well as relatives and friends of patients, is again called to the need of keeping in close contact with the activities of the hospital by visiting frequently.

On Nov. 12, the institution was visited by Messrs. Howard, Putnam, Raymond McCormick and Cronin of the Dept. of Administration and Finance and by Rep. Shattuck, Chairman of the Ways and Means Committee.

In conclusion, we wish to express our appreciation for the assistance rendered during the year by the Department of Mental Diseases, as well as by the many other Departments that have been cooperative. To the General Court, we are extremely grateful for the appropriations which have made possible the realization of a part of our building program. We hope that this is only the beginning and that within a few years, the Taunton State Hospital will be an institution of which we may justly be proud.

ARTHUR B. REED, *Chairman* ASA A. MILLS
CHAS. C. CAIN, Jr. JULIUS BERKOWITZ
ELIZABETH C. M. GIFFORD.

SUPERINTENDENT'S REPORT

to the Trustees of the Taunton State Hospital:

The seventy-third annual report of the Superintendent of the Taunton State Hospital, for the fiscal year ending November 30, 1926, is respectfully submitted for your consideration.

The Statistical tables relative to patients, cover the period beginning October 1925 and ending September 30, 1926.

MOVEMENT OF POPULATION

On September 30, 1925, the hospital census was as follows: In the hospital, men 705; women 785—total, 1490. On visit and escape, men, 92; women 61,—total, 153, making a grand total of 1643, in the custody of the hospital at that time. During the year ending September 30, 1926, 455 patients were received. Of this number, 190 men and 170 women, a total of 360 were classed as First Admissions; 44 men and 40 women, a total of 84 came as Readmissions and 5 men and 6 women, a total of 11, were transferred to the hospital from other hospitals.

Four hundred and sixty-three patients, including 259 men and 204 women were discharged during the same period. Of this number 115 men and 73 women, a total of 188 were returned to the community. Ninety-four men and 78 women died, and 103, including 50 men and 53 women were transferred to other institutions. The census on September 30, 1926 was as follows: In the hospital, men 694; women 771—total 1465. In Family Care, 1 man; 7 women,—total 8. On visit and escape, men 82; women, 80—total 162, making a grand total of 1635, including 360 men and 858 women on the books of the hospital. The total number of cases under treatment during the year was 2098—1036 men and 1062 women. The average daily number for the year was: men, 790.4143; women, 842.4014, a total 1632.8157. Of these, 706.1648 men and 764.5745 women, a total of 1470.7393 were in the hospital; 1.673 men and 9.0769 women, a total of 10.7499 were in family care, and 82.5765 men and 68.7500 women, a total of 151.3265 were on visit and escape.

Of the 360 first admissions, only 324 patients were actually committed to the hospital, the remaining 36 being under temporary care. Of the 84 readmissions, only 73 were committed, the remaining 11 being under temporary care.

FIRST ADMISSIONS

Nativity. Of the 324 committed first admissions, 87 men, 97 women, a total 184 were born in the United States, and 79 men and 61 women, a total of 140 were born in other countries, the percentage of native born being 56.79% and foreign born, 43.21%.

Citizenship. Of the 324 committed first admissions, 184 or 56.79% were citizens by birth; 42 or 12.96% were citizens by naturalization and 98 or 30.25% were aliens.

Mental Diagnosis. The different forms of mental disease shown by the first admissions, were as follows: dementia praecox, 95 or 29.32%, psychoses with cerebral arteriosclerosis, 38 or 11.72%, manic-depressive, 29 or 8.91%, senile psychoses, 34 or 10.49%, alcoholic psychoses, 20 or 6.17%, general paralysis, 34 or 10.49%, involution melancholia, 14 or 4.32%, psychoses with mental deficiency, 10 or 4.32%, psychoses with somatic disease, 10 or 3.08%, undiagnosed psychoses, 10 or 3.70%, psychoses with other brain or nervous diseases, 6 or 1.85%, psychoses and neuroses, 5 or 1.74%, epileptic psychoses, 4 or 1.23%, psychoses with cerebral syphilis, 2 or 0.81%, psychoses with psychopathic personality, 2 or 0.81%, traumatic psychosis, 1 or 0.52%, psychosis with Huntington's chorea, 1 or 0.52%. For further information, concerning psychoses of first admissions, see statistical tables.

Age. Of the 324 committed first admissions, 87 or 26.85% were over six years of age, 110 or 33.95% were between forty and sixty, the involution period 112 or 34.56% were between twenty and forty, and 15 or 4.64% were under twenty.

Education. Of the 324 committed first admissions, 10.18% were illiterate, 11.44% could read and write, 65.73% had a common school education, 11.11% a high school education, and 1.54% a college education.

Environment. 89.50% were classed as urban in their environment and 10.50% as rural.

READMISSIONS

Of the 73 patients readmitted, the diagnoses were as follows: dementia praecox 29 or 39.72%; manic-depressive, 18 or 24.65%; psychoses with mental deficiencies 7 or 9.58%; alcoholic psychoses, 3 or 4.11%; psychoneuroses and neuroses, 4 or 5.47%; senile psychoses, 3 or 4.11%; psychosis with other brain or nervous disease and involution melancholia each 2 or 2.19%; psychosis with cerebral arteriosclerosis 1 or 1.37%; general paralysis, psychosis with other somatic diseases, paranoid and paranoid conditions, psychosis with psychopathic personality and undiagnosed psychoses each 1 or 1.65%.

DISCHARGES

Only 141 of the 188 patients discharged were committed to the hospital. The remaining 47 patients were under temporary care. The condition of the 141 discharged during the year was as follows: recovered, 5 or 3.54%; improved, 108, or 76.59%; unimproved, 27 or 19.16%; and not insane, 1 or 0.71%.

DEATHS

The death rate for the year, figured on the total number under treatment, was 8.19%.

Only 166 of the 172 patients dying during the year were committed, the remaining six were under temporary care. The causes of death were as follows: Arteriosclerosis, 37 or 22.29%; broncho-pneumonia, 29 or 17.41%; general paralysis 19 or 11.44%; endocarditis and myocarditis, 6 or 3.61%; tuberculosis, 13 or 7.83%; other causes, 62 or 37.42%. Of those who died, 96 or 57.83% were over sixty, 48 or 28.91% were forty to sixty years of age; 22 or 13.26% were from twenty to forty.

Our record shows that at the close of the year, there were 16 ex-service men in our care.

MEDICAL SERVICE

It is believed that there has been quite a little improvement in the Medical work during the past year. The male and female wards have been divided into three services and a physician and supervisor assigned to each. This has resulted in a much better knowledge of the individual patient by the doctor and the supervisor and has relieved the Senior Physician who is in charge of the whole service from many routine duties, making it possible for him to keep in touch with the working patients as well as those who spend practically all their time on the ward.

The practice of carefully examining physically, new patients immediately following admission, has been continued and it has been possible to decrease to some extent, the time between admission and presentation at Staff Conference.

Several staff luncheons, have been held, during which the members were addressed by specialists in various fields. It is believed that this has done much to stimulate interest. Staff conferences have been held at least once a day and on many occasions, it has been necessary to have two meetings in order to discuss the diagnosis and treatment of newly admitted cases as well as the condition of patients being considered for release on visit.

During the year, the organization of a Visiting Staff has been started and Dr. Murphy, Robinson, Atwood and Crandell have been appointed to the surgical service. Each will serve three months of the year. These men have been very

During the year, the following members of our staff have resigned to take positions elsewhere: Drs. Dexter, Ravenelle, Gauthier and Willey. Drs. Faribault, Pit, Smith, Fritz, and Loignon have joined our staff during the past year.

The following tabulation gives in detail, the work accomplished:

	HOSPITAL CASES				COMMUNITY CASES		TOTALS		
	HOUSE PATIENTS		OUT PATIENTS		CLINIC CASES				
	M.	F.	M.	F.	M.	F.	M.	F.	T.
New Cases	74	59	93	81	28	32	195	172	367
Renewed cases from previous years	2	1		2	2	5	4	8	12
Renewed cases within the year	3	1					3	1	4
Continued cases from previous year	7	20	42	69	9	10	58	99	157
Cases closed during year	34	36	58	75	9	15	101	126	227
Cases continued to following month	52	45	77	77	30	32	159	154	313

1. Purposes for which cases were referred

(a) Histories of Patients	{ Taken at Hospital,
	{ " Outside Hospital, 80

- (b) Investigation {
 - Conduct Disorders, 41
 - Employment Situations, 10
 - Home Conditions, 37
 - Statements of Patients, 25
 - Statements of Others, 29
- (c) Supervision {
 - In home 506
 - In Industry, 17
 - In Community, 2
- (d) Care of Patients' Families, (f) 10
- (e) Personal Services, 50 Placement, 7

2. Problems:

- (a) Disease {
 - Mental, 500
 - Physical, 49
- (b) Sex Problems {
 - Prostitution, 1
 - Promiscuity
 - Wayward Tendencies, 9
- (c) Environment
 - 1. Financial Difficulties, 39
 - 2. Employment Difficulties, 32
 - 3. Unsuitable surroundings, 2
 - 4. Friction {
 - Family, 21
 - Others
 - 5. Marital Difficulties, 9
- (d) Personality Problems:
 - 1. Temperament, 18
 - 2. Anti-Social Habits, 12
 - 3. Vacillating interests, 5
- (e) Educational Problems
 - 1. Readjustment Habits of Mind, 26
 - 2. Recreation; church; social relationships, 4
- (f) Legal Problems:
 - 1. Concerning property or support, 6
 - 2. Resulting from conduct of patient
 - 3. Resulting from conduct of others
- (g) General Problems

IV. SERVICE RENDERED

1. Medical:

- (a) Contribution of information re: Medical History, 95
- (b) Contribution of information re: Home Conditions, 493
- (c) Contribution of information re: Condition of Out-Patients
- (d) Contribution of Arrangement for Medical Assistance, 8

2. Social:

- (a) Adjustments for Patients {
 - Environment, 3
 - Personal Relations, 8
- (b) Adjustments for Patients in Industry, 4
- (c) Adjustments for Patients in Recreation, 5
 - To Relatives, 265
 - To Patients, 318
 - To Others, 41
- (c) Connecting with Agencies, 169; with Individuals, 599
- (f) Family assistance {
 - Legal, 2
 - Financial, 2
 - Miscellaneous, 6

(g) Arrangements for further study or training, 5

(h) Personal Services: Miscellaneous, 58

Placement Work	{	Home, 5
	{	Industry, 5

N. SUPERVISION WORK

1. No. Patients on visit last day previous year, 111

No. Patients discharged from visit during year, 45

Visits	{	To Patients on ward, 263
		To Patients on visit, 517
		To Relatives or Friends, 134
		To Social Agencies, 95
		To Others, 53

No. Patients in care of Other Agencies

2. Family Care Patients:

(a) No. Patients visited, 55

(d) No. Patients returned, 7

(b) No. Patients placed, 1

(e) No. Patients discharged, 3

(c) No. Patients replaced, 2

(f) No. Boarding Homes investigated, 2

I. CLINIC WORK

1. Hospital Clinics	{	No. clinics attended, 50
		No. interviews with Patients, 223
		No. Interviews with Relatives, 120
		No. Social Cases selected
2. School Clinics	{	No. attended, 3
		No. Histories, 73
		No. Psychological Tests, 9
		Miscellaneous Work (90 contacts with Superintendents and teachers; arrangements for 5 clinics.)
3. Community Clinics	{	No. attended, 50
		No. interviews with Patients, 131
		No. interviews with Others, 156
		No. cases selected
		No. cases referred to local agencies

II. MISCELLANEOUS

1. Amount of Expense Account	{	School or Community Clinic Work,
		\$28.01
		Hospital Work, \$378.13

2. Account of Time	{	No. days in Hospital, 296
		No. days outside Hospital, 332½
		No. days spent in School Clinic Work, 37
		No. days spent in Community Clinic Work, 27

SPECIAL FEATURES:

Lectures: 18

Papers:

Special Studies:

Conferences attended:

Visits to Other Institutions:

Monthly Conferences at State House.

Massachusetts Association of Social Workers—Conference at Springfield.

OUT-PATIENT DEPARTMENT

Clinics have been held during the year, in New Bedford as well as at the hospital, the latter being held in Fall River. The report below will show the activities of the different organizations who have referred patients to our clinics. It is of special interest to note that through these clinics, we are able to keep in close touch with the patients who are on visit from the hospital and this is especially true as concerns the New Bedford Clinic. The following is a summary of the work accomplished during the past year:

Source of Cases

(a)	Children's Aid Society.....	1
(b)	Family Welfare Society.....	1
(c)	Society for Prevention of Cruelty to Children.....	1
(d)	Catholic Welfare Bureau.....	
(e)	International Institute.....	
(f)	Self or Immediate Family.....	
(g)	Taunton State Hospital.....	4
(h)	Public Schools.....	
(i)	Private Physicians.....	
(j)	Industrial District Nursing Association.....	
(k)	St. Vincent's Home.....	
(l)	Tubercular Clinic.....	
(m)	Other Sources.....	

1. New Bedford	2. Fall River:	3. House Cases:
(a) New Cases:	(Clinic temporarily closed)	(a) New Cases:
Male 23		Male 6
Female 29		Female 3
<hr/>		<hr/>
Total 52		Total 9
(b) Total Visits:		(b) Total Visits:
Male 139		Male 6
Female 206		Female 3
<hr/>		<hr/>
Total 345		Total 9
Male cases seen (new).....	29	
Female cases seen (new).....	32	
<hr/>		
Total new cases.....	61	
Male visits to clinics.....	145	
Female visits to clinics.....	209	
<hr/>		
Total.....	354	

SCHOOL CLINIC

During the latter part of last year, a travelling clinic to accomplish the work defined under Chapter 318 of the General Laws of 1919, was organized. The clinic has continued to function and we are now in a position to do this work promptly upon the request of the various School Superintendents. The requests for this sort of work have been more numerous this year and we hope that they will continue to increase in the future.

The following work was accomplished:

	M.	F.
New cases referred for examination.....	47	35
New cases completed.....	40	34
New cases incomplete.....	8	3
Re-examination.....	17	4

PATHOLOGICAL LABORATORY

We are very glad to report that additions to our laboratory which have greatly facilitated the amount and quality of work done, have been made during the past year. A new binocular microscope, a new set of autopsy instruments and a Van Slyke apparatus for the estimation of non-protein nitrogen, all of which were very much needed, have been furnished. Besides the regular clinical work

6 autopsies were performed, this being 26.74% of the total number of deaths.

The following is the detail of the work accomplished in this department during the year:

Urinalyses, 1016; spinal fluids, 57; blood chemistry, 5; renal function test, 1; white blood counts, 65; complete blood counts, 54; smears, 123; cultures, 45; sputa, 48; feces, 32; basal metabolism tests, 6.

OPERATING ROOM

The sterilizing equipment purchased late last year has been installed in the Operating Room and with the exception of a modern operating table, we are now quite well equipped in this division. Equipment necessary to make ready a surgical dressing room on both male and female ward services has been purchased and will be installed before very long. These rooms will make it possible to do our dressings and minor operations without having to bring the patient to the center of the building, a habit which has been very annoying at times. It will also serve to remove many of the dangers of infection from the Main Operating Room.

The following table shows the *operations* performed during the past year:

Appendectomies.....	2
Tonsillectomies.....	2
Minor operations with general anesthesia.....	14
Other minor operations.....	554
Surgical dressings.....	3018
Teeth extractions with general anesthesia.....	25

The following *treatments* were given:

	Male	Female	Total
Salvarsan Injections.....	221	89	310
Mercurial Injections.....	435	276	711
Bloods for Wasserman.....	271	254	525
Lumbar Punctures.....	43	12	55

DENTAL DEPARTMENT

This department has continued to follow along with the same general practice in former years. The amount of work accomplished during the summer months has greatly increased by the addition of a dental interne to the personnel. Quite a little equipment has been added during the year including an instrument sterilizer of the latest make. The figures submitted show in detail the amount of work accomplished. The outstanding thing in this analysis is a rather remarkable increase in the number of cases examined needing no dental attention at the time of examination. This is important as it would seem to indicate that the condition of the teeth of the resident population is constantly improving.

Bridgework: Preparation for, 2; Set, 3; Removed, 6. Cleaned and scaled, 158. Examined and charted, 2864. Extractions, 1327. Fillings: Amalgam, 557; Cement, 1; Root Canal, 2; Synthetic, 12; Temporary, 3; Zinc Oxide and Eugenol, 221. Plates: Impression, bite, shade, 29; Made, 13; Adjusted, 61; Repaired, 28; Cleaned, 1. Treatments: Formo-creosol, 8; Guaol, 1; Gums, 212; Howe's Silver Nitrate, 1. Post operative, 83; Root Canal, 12; Teeth treated, 10. Cyst removed, 1; Fracture set with Appliance, 3; X-ray, 176; Number visits, 45; Number operations, 5863; Average operation per patient, 1.23; Per cent of patients with work O. K. 89.68; Per cent of patients unable to receive attention, 4.93; Per cent of patients with work to be done, 5.39; Per cent of new admissions needing dental attention, 53.74; Number patients receiving dental attention other than examination, 620; Number patients needing no dental attention, 379.

Partial plates, 39; Plates and Teeth, 112; Bridges, 165; Pivots, 38; Gold Crowns 448; No Teeth, 180; Plates and No Teeth, 50; Full Upper and Lower Plates, 202 Artificial Appliances, 1054; Patients needing no Dental Attention, 331; Number of Sets of False Teeth, 403.

X-RAY DEPARTMENT

During the past year, the scope of the work done in this department has been materially increased; the addition of double screened cassettes has enabled special attention to be paid to chest conditions, particularly to pulmonary tuberculosis in its various forms, and gastro-intestinal pathology. In time, we hope to add a stereoscope, a fluoroscope and also a number of standard reference books on Roentgenology.

The following examinations were made during the year: Head, 1; Sellaturcica 5; Sinuses, 8; Jaw, 6; Chest, 37; Heart, 1; Teeth, 176; Ribs, 12; Sternum, 1; Spine 3; Arm, 2; Wrist, 15; Hand, 25; Elbow, 2; Hip Joint, 13; Femur, 1; Knee, 5; Tibia Fibula, 9; Ankle, 11; Foot, 15; Shoulder, 9; Gall Bladder, 2; G. I. Series 7; Abdomen, 5; Miscellaneous, 16. Total number of examinations, 404.

HYDROTHERAPY

The addition of two new pack rooms, one for each of the two services, has greatly increased the activities of this department. As hydrotherapy is one of our most valuable forms of treatment in mental cases, it is hoped that we can make still greater improvement next year.

The following treatments were given:

Tonic Baths

	Male	Female	Total
Salt Glows.....	1050	1159	2209
Hot and Cold to Spine.....	690	750	1440
Foot Baths.....	1750	1383	3133
Sitz Baths.....	454	214	668
Wet Mitton Frictions.....	0	216	216
Electric Light Baths.....	46	84	130
Drip Sheet Rubs.....	0	28	28
Swedish Shampoos	808	910	1718
Hair Shampoos.....	808	910	1718
Needle Sprays.....	4842	4704	9546
Fan Douches.....	4680	4492	9172

Continuous Baths

<i>No. of Patients</i>		<i>No. of Baths</i>	<i>No. of Hours</i>
Male	153	2,527	17,256½
Female	212	2,415	16,339¾
Total	365	4,942	33,596½

Wet Sheet Packs

	<i>No. of Patients</i>	<i>No. of Packs</i>	<i>No. of Hours</i>
Male	172	2,856	8,368½
Female	270	9,908	29,104½
Total	442	12,764	37,473

OCCUPATIONAL THERAPY DEPARTMENT

The statistics of this department are shown in the following statement. During the year, classes were held mornings and afternoons in the O. T. room, while five other classes were held at the same time on the wards. Patients are assigned to

the department by the Senior Physicians except on the Male Infirmary where we include anyone who will attend the classes.

This department has had charge this past year, of decorating the chapel for special occasions and holiday festivities, such as Easter, Hallowe'en, Thanksgiving, etc. A musical director was added to the personnel in June and since then, an orchestra of seven pieces has been organized, composed of two patients and five employees. Music has thus been furnished for the patients' weekly dances and movies since October. Community singing has been enjoyed on movie nights and at Lovering Colony one afternoon each week.

This department is becoming so valuable to us that every possible effort is being made to increase its field.

The statistics mentioned above, follow:

Director, 1; Aides, 4; Musical Director, 1; Total number of cases under treatment during the year, 461; Under treatment in O. T. at beginning of the year, 179; Admissions during the year, 438; Cases not previously treated, 233; Previously treated cases read, 205; Number transferred, 223; Number discontinued, 164; Number discharged, 34; Number deaths, 5; Remaining under treatment at the end of the year, 191; Daily average of men working during the year, 114; Daily average of women working during the year, 104; Daily average of total number of patients for the year, 218.

Articles made at the Hospital: 4 braided rugs; 15 hooked rugs; 32 braid weave rugs; 139 woven rugs; 8 woven trackers; 15 woven table runners; 8 towelling runners; 650 embroidered table runners; 72 embroidered pillow tops; 17 woven pillow tops; 72 embroidered centerpieces; 176 yds. crocheted edging; 26 reed waste baskets; 13 reed flower baskets; 136 reed jardinieres; 33 reed hanging baskets; 1 reed ferneries; 15 reed desk baskets; 2 reed sandwich trays; 1 reed fruit basket; 10 wallpaper jardinieres; 30 jardinieres; 123 picture puzzles; 387 yards spool knitting; 367 lbs. rug material prepared (including cutting, sewing, rolling into balls and dyeing); 449 lbs. burlap prepared (including ravelling, tying and winding into 10-strand balls); 128 cocoanut fibre braided for door mats; 14 warps for looms; 1 patch-work quilt cover; 1 linen bridge set; 30 sets hand-painted book-ends; 175 hand-painted curtain pulls and knotted cords; 9 wooden boxes; 2 card files; 6 ring presses; 32 hoops; 4 cretonne pillows; 1 knitted scarf; 2 aprons; 3 bags; 46 tie backs; 13 prs. curtains. *Picked:* 1,665 boxes berries and 12,330 lbs. beans, and strung barrels beans.

Articles made at Lovering Colony: 4 braided rugs; 27 braid weave rugs; 5 hooked rugs; 60 woven rugs; 2 art squares; 17 patch-work quilts; 19 prs. curtains hemstitched; 2 valences hemstitched; 179 lbs. rags sewed; 4 centerpieces (Hardanger embroidered); 1 fancy table cover; 20 bureau scarfs; 1 set tatted ends for table runner; 1 set crocheted ends for table runner; 2 sets filet inserts; 2 doilies with tatted edges; 3-piece vanity set with crocheted edges; 1 ecru linen runner with tatted edges; 1 white linen runner with tatted edges; 3-piece buffet set, 1-piece wagon set, 5-piece bridge set, 3-piece vanity set and 1 scarf, all with tatted edges; crocheted pieces for arm chairs.

Equipment added to the Department: Water cooler; cabinet; phonograph; violin; mute for cornet; 2 brass spikes, 1 cymbal holder, 1 pr. wire brushes, spring for cymbal, for the drum; 5 rug frames; 3 Coping saw frames; 2 diagonal cutters (baketry); alcohol lamp; set of alphabet stencils; Lloyd knife; 1 volley ball net; volley ball and 2 croquet sets.

TRAINING SCHOOL

The outlook for the Training School is much more encouraging than it was at the time last year. We have five students in the preliminary class, two in the intermediate class and seven in the senior class.

The graduation exercises were held on Oct. 14, the address being given by Mr.

William Reed of Taunton. All of the girls in the graduating class are still in the employ of the hospital. The number of trained nurses employed seems to be steadily increasing and as their services are invaluable to us, it is hoped that this condition will continue.

At the present time, we are somewhat hampered by the lack of an Assistant Superintendent of Nurses as the person filling this position aids much in giving the necessary instruction.

RELIGIOUS SERVICES

The regular Sunday services at the main group have been conducted regularly during the year, the Catholic clergymen officiating in the morning and the Protestant in the afternoon, with special services at each of the colonies. The various clergymen have made numerous visits to the hospital and have always been found willing to administer help in every way possible.

ENTERTAINMENT

The patients greatly enjoyed the various entertainments offered for their amusement during the year. Moving pictures have been conducted once each week during the fall, winter and spring, as well as the regular dances. Baseball and croquet furnished considerable enjoyment during the summer. Special entertainments were planned for Christmas week, Easter, Fourth of July, Halloween and Thanksgiving, as well as for other occasions.

On Dec. 15, 1925, and on May 19, 1926, members of the David F. Adams Post No. 611, Veterans of Foreign Wars Auxiliary of Taunton, gave vaudeville entertainments for the benefit of our patients. On the latter date, they were accompanied by members of the Fall River Post, who very kindly contributed candy and cigarettes. Early in the year, special musical entertainment was contributed by the State Welfare Department of the Knights of Columbus. Entertainment were given on Feb. 19, by the American Legion Auxiliary of Taunton, on May 14, by Rev. Cornelius Greenway, and on Sept. 8, the American Legion Band gave a concert. The excellent entertainment and music furnished on each and every one of these dates, were greatly enjoyed by both the patients and employees of the hospital.

The institution was visited frequently during the year, by the Taunton, Fall River and Attleboro Posts of the American Legion Auxiliary, the Knights of Columbus, David F. Adams Post No. 611 Veterans of Foreign Wars, and by the Veterans of the Spanish War, who have given special entertainments for the benefit of the ex-service men.

The following people contributed to the Annual Christmas Fund, a fund which was established last year and which apparently met with the approval of many people. The money received from this source added materially in making the Christmas Season of last year a successful one. The names follow:

Mrs. Elizabeth C. M. Gifford, Rose L. Courtney, Wm. T. Smith, Emil C. Torrenson, Arthur B. Reed, Marie Rogers, Wm. H. Gee, Herbert M. Lane, Edward Diskin, Mrs. M. Bigney, John J. Gallagher, F. B. Lothrop, Mrs. Geo. Pearce, Mrs. Blackmer, Mr. & Mrs. W. H. Culver, John F. Kerrigan, Emma Thompson, Chas. H. Greenhalgh, T. E. Haskins.

Radio equipment has been added at the Raynham Colony and an orchestra, described under the heading of Occupational Therapy, has been organized during the year.

LIBRARY

During the past year, 178 books have been given to the library, and many people in Taunton and surrounding towns have been very generous in their gift of magazines for the patients. The library is a center of distribution for the magazines and one day each week has been fixed as "Magazine Day" for distribution through the wards. Nurses in charge of wards frequently send for magazines at other times. We are indebted to the persons whose names are mentioned below.

for the donation of books and magazines:

W. F. Wyatt, Ph.D., Miss E. M. Hayes, Mrs. Doughty, Mrs. C. H. Robertson, Mr. B. S. Balke, Mrs. Meehan, Mr. James Smith, Mr. A. A. Dunbar, Carlow Company, Mrs. Elizabeth C. M. Gifford, Mr. A. W. Millard, Mrs. Eugene Davol, Mr. James E. Lee, Mr. J. H. Balke, Mrs. Florence Kemp, Mrs. Allyn, Miss Ethel F. Littlefield, Mr. L. Wordell, Mr. James P. Taylor, Mr. Albert Jones, Mrs. Wm. C. Davenport, Mr. Chas. H. Robertson, Mrs. Green, Brownell & Burt Co., Mr. Wm. H. Stone, Mr. Henry Francis, Miss Blanche Howland, Dr. Frank Hubbard, Mrs. Howard Horton, Mr. Pratt, Mr. E. Russell Davol, Mrs. T. W. Smith, Mrs. Gertrude H. Eldridge, Mr. F. J. Rountree, Mrs. J. P. Hern, Mrs. Reed, Mrs. Caron, Mrs. Morse, Miss Anna M. Bancroft, Mrs. Goff, Mr. Robinson, Mrs. Edward Cole Mrs. Galleger, Mrs. Miriam H. Wilbur, Mrs. Gertrude Saule, Mrs. Smerdon, Mrs. C. E. Robinson, The Knights of Columbus, Mrs. McHugh, Mrs. G. E. Howard, Mr. Chas. Dinsmore, W. C. T. U. Society, Mrs. Fenton, Mrs. Geo. Cotter, Mr. H. M. Wright, Mrs. Hogan, Mr. Ralph Davol, Miss H. L. Rice, Mr. Howard Woodward, Mrs. McCormack.

Twenty-nine current magazines have been subscribed to by the hospital for the Center Reading Room and for the Employees' Recreation Room. Those discarded weekly and monthly from these rooms with the exception of those kept to be bound for permanent use, go regularly to the tubercular wards where books cannot go. The average weekly circulation has been from 80 to 90 volumes, more being sent out in winter than in the summer.

Typewritten catalogues (125 sheets each) of the best books in the library—fiction, travel, biography poetry, etc., have been made and a plan has been formulated to go into effect at the beginning of 1927, to have a copy of this catalogue on each of the wards where books can go, and to have regular two-weekly deliveries and returns. 41 books, chosen by the patients from this catalogue, go once every month to Lovering Colony.

An attempt is being made to keep the books in good condition by rebinding in the library according to the "Toronto Method" at a minimum of expense and delay in getting the books back into circulation. Magazines also are so being treated, with the exception of some of the more bulky ones such as Harper's.

The librarian has handled, in addition to his other work, the circulation of phonograph records.

FARM REPORT

Despite the fact that the weather was very poor during the spring and early summer, the farm production has been quite as good as usual and some of the crops have yielded in excess of our expectation. The value of the food production was \$63,102.17, an increase of \$9,494.93 over that of last year. The potato crop was unusually good this year. The amount of pork was increased by more than 23%. Our herd has continued to do very well and the average annual production of milk per cow, has increased from 10,495 lbs. to 10,696 lbs. All the cattle were tested for tuberculosis and found to be free from that disease. The herd is now certified one. The new fence around the 20 acres of pasture at Lovering Colony mentioned in last year's report, has been completed and has taken care of our young cattle during the summer.

The canning increased quite a little during the year, despite the fact that it has been necessary to continue this industry in the kitchen. It is hoped that by the time the canning season arrives next year, our new plant in the storehouse building will have been completed.

An out-of-door piggery, consisting of several small A-houses and enclosures surrounded by woven fences, was constructed and made it possible for us to care for all of the herd out-of-doors during the summer months.

Our orchards have been increased 280 trees during the past year, including apple, peach, plum, cherry and quince.

The following shows the detail of the farm production:

Asparagus, 3,906 lbs.; Apples, 14,412 lbs.; Beets, 14,880 lbs.; Beet Greens, 225 lbs.; Beef, 4,218 lbs.; Beans, (dry) 2,524 lbs.; Beans (string) 9,540 lbs.; Chicken, 1,703 lbs.; Cabbage, 18,844 lbs.; Carrots, 38,922 lbs.; Celery, 967 lbs.; Corn, 37,335 lbs.; Chard, 11,697 lbs.; Cucumbers, 9,257 lbs.; Cantaloupe, 2,498 lbs.; Currants, 1,262 lbs.; Eggs, 6,483 5-12 dz.; Grapes, 2,017 lbs.; Gooseberry, 476 lbs.; Liver, 1,200 lbs.; Lettuce, 1,689 lbs.; Milk, 653,042 lbs.; Onions, 28,698 lbs.; Potatoes, 148,376 lbs.; Parsnips, 32,651 lbs.; Parsley, 13 lbs.; Pumpkin, 4,565 lbs.; Peas, 1,752 lbs.; Pork, 50, 619 lbs.; Rhubarb, 5,035 lbs.; Radish, 354 lbs.; Raspberry, 13 lbs.; Squash (winter), 35,585 lbs.; Squash, (summer), 10,461 lbs.; Strawberries, 2,335 lbs.; Spinach, 2,793 lbs.; Tomatoes, 24,044 lbs.; Turnips, 33,727 lbs.; Turnip Greens, 2,935 lbs.; Watermelon, 938 lbs.

GROUNDS

Many stumps have been removed on the grounds and much clearing has been accomplished along the front entrance and especially around the new cottages. Land in back of the male home has been cleared and there have been planted there, 1000 4-year-old pine trees. More work along this line has been possible because of the addition of two working parties to this department.

The number of cut flowers from the greenhouse has been increased and these together with many potted plants, serve to make our wards more cheerful.

INDUSTRIAL DEPARTMENT

This department has worked under many difficulties because of the building where the industries are carried on, being renovated. It is hoped that the new Industrial Building will soon be completed and that our industries will then be in a better position than ever before. An increase in production in the various shops has led to a general improvement in the furniture and equipment throughout the hospital. Space has been planned in the new Industrial Building to establish a furniture shop, and a new two-story, fire-proof building thirty by forty feet has been erected to serve as a shop for painting furniture. The value of this department is tremendous, from a medical as well as a financial standpoint.

The following is the detail of the work accomplished:

INDUSTRIAL SHOPS

Made: 863 brooms; 241 brushes; 15 door mats; 1070 yds. rope braid; 5 double boilers; 7 vegetable kettles; 2 tea cans; 8 coffee cans; 5 tea kettles; 1 tray; oil can; 5 roast pans; 1 cake tin; 4 stove pipes; 256 tin cups; 2 doughnut cutters; 10 cooking cutters; 3 strainers; 42 dish pans; 3 ash barrels; 31 garbage cans; 1 paint box; 1 sour cans; 24 meat tins; 24 oatmeal tins; 24 sauce tins; 42 diet tins; 24 diet tin covers; 56 pails; 10 milk cans; 2 hoops; 1 smoke stack; 6 dippers; 9 containers; 1 stew kettle cover; 3 provision bins; 1 powder bin; 6 wash tubs; 2 floor polishers; 4 bread boxes; 4 potato steamers; 1 ice cream can; 1 food chopper cover; 2 metal drain boards; 1 bean steamer; 1 2-gal. can; 100 key chains (connected); 6 cut-flower tins; 1 ice chest.

Repaired: 27 vegetable kettles; 2 coffee pans; 12 stew pots; 4 ice cream freezers; 8 double boilers; 10 tea kettles; 49 roast pans; 36 soup cans; 60 pitchers; 1 milk pan; 2 coffee urns; 11 teapots; 24 tea cans; 15 water pails; 10 milk cans; 4 dippers; 25 dish pans; 85 meat tins; 2 ash barrels; 12 garbage cans; 2 watering cans; 63 tin cups; 15 wash tubs; 15 pitchers; 21 oatmeal tins; 8 sauce tins; 1 hash tin; 2 brown bread pans; 21 laundry baskets; 1 pudding pan; 18 cake tins; 5 food conveyors; 1 potato barrel; 5 potato cans; 1 metal tank; 4 potato steamers; 6 cans; 40 trays; 1 lantern; 2 thermos; 17 diet tins; 2 food containers; 1 rat trap; 1 hose; 6 dust pans; 1 sprayer; 2 butter pans; 1 strainer.

Scraped, shellaced, varnished, painted: 312 chairs; 9 bureaus; 7 ward settees; tables; 6 ash barrels; 38 garbage cans; 2 cake tins; 1 tea can; 1 coffee can; 1 wa

robe; 7 step-ladders; 3 stands; 2 bed screens; 3 provision bins.

Seated: 131 chairs.

Upholstered: 47 chairs; 10 couches; 1 sofa; 1 hassock; 26 chair cushions; 4 settees

MATTRESS SHOP

Made: 1021 mattresses 697 pillows and 9 leather tufts.

Renovated: 408 mattresses; 352 pillows.

Picked: 2,200 lbs. hair.

TAILOR SHOP

Made: 280 coats; 148 pants; 131 overalls; 60 waste paper bags; 187 rugs; 1 police overcoat; 11 mattresses (covered); 46 pack blankets; 17 ladies' capes; 136 aprons; 12 laundry bags; 1097 yds. towelling; 42 prs. mittens; 2 pillow cases (prs.); 12 sand bags; 7 doz. holders; 118 prs. suspenders; 10 pack mattresses; 3 shirts; 4 nail bags; 1 police blouse; 1 vest; 8 pillows (covered).

Repaired: 987 coats; 937 pants; 337 vests; 342 blankets; 3 art squares; 9 runners; 50 yds. matting (cut); 5 horse blankets; 17 pack blankets; 49 overalls; 25 tub covers; 33 rugs; 1 frame (covered); 5 carpets; 1 baseball mask; 2 mattresses.

Pressed: 126 suits for employees.

SEWING ROOM

Made: 2,572 sheets; 896 night dresses; 873 one-piece dresses; 78 strong gingham dresses; 1,068 aprons; 1,752 shirts; 908 men's union suits; 1,108 petticoats; 311 laundry bags; 48 screen covers; 12 dentists' gowns; 470 ladies' union suits; 266 ladies' chemises; 248 drawers; 368 nurses' bibs; 418 nurses' cuffs; 132 attendants' caps; 189 mattress ticks; 134 pillow ticks; 1,110 pillow slips; 24 officers' pillow slips; 141 burial squares; 173 table cloths; 72 coffee strainers; 26 tub covers; 6,130 towels; 24 napkins; 90 prs. men's trousers; 276 white curtains; 107 commode covers; 43 stand covers; 1 tool bag; 1 pr. over-sleeves; 60 men's bibs; 129 sitz aprons; 8 kitchen holders; 24 throat bags; 2 ice bags; 12 gloves for operating room; 48 squares for operating room; 48 over-sleeves for operating room; 1 cloth for X-ray room; 6 sheets for X-ray room; 36 hoods (stamped and sewed); 2,650 tapes (sewed on private clothing); 3 rolls of squares cut for operating room.

Marked: 44 shawls; 10,611 clothing; 632 ladies' under-vests; 614 ladies' drawers; 474 men's shirts and drawers.

Mended: 309 mattress ticks; 12 tub covers; 2 hammocks; 4 flags.

MENDING ROOM

2,036 aprons; 55 bathrobes; 15 blankets; 74 bureau scarfs; 5 caps; 3 corsets; 14 curtains; 178 corset covers; 4,522 drawers; 9,079 dresses; 40 kimonas; 2,730 laundry bags; 20 mattress covers; 8,117 night gowns; 25 overalls; 83 pads; 53 pajamas; 2,556 petticoats; 458 pillow slips; 96 puff covers; 53 shawls; 3,909 sheets; 5,727 shirts; 1,247 spreads; 22 sweaters; 198 table cloths; 397 towels; 238 trousers; 14 tub covers; 1,213 union suits; 219 white coats.

Total Articles Mended, 43,396.

REPAIRS ORDINARY

We have been able to keep up our ordinary repairs fairly well despite the fact that many of our mechanics have been engaged in new work during the year. The money appropriated for paint was expended quite early in the year and it is believed that the amount under this heading should be materially increased next year as an extensive painting program is necessary.

A new fire-proof vault for the preservation of the medical records has been completed and a new office enabling us to have all the stenographers in one room, now in use.

Several wards and rooms throughout the building have been thoroughly renovated. If this work is to continue, it will be necessary that the amount of money under this heading, be increased quite a little in next year's appropriation.

All the roofs were carefully inspected and repaired and much work on the gutters and conductors, which we found to be in very bad shape, has been done.

REPAIRS AND RENEWALS

The appropriation under this heading did not quite come up to our expectations but it is believed that the amount we received has been spent to advantage and that it has contributed much to the care of our patients. The work accomplished follows:

1. New locks have been purchased for the doors that are used most in all the wards in the main building. Much time and study was necessary in order to obtain a lock set which would be useful and attractive as well as practical from the standpoint of repairs.
2. A new shower bath section with three heads has been constructed in Male Ward 4; this will aid greatly in the bathing of the working patients.
3. Equipment has been purchased for the shower bath in the brick cottage at Raynham Colony.
4. Flush valves have been purchased for the water closets for Lovering Colony.
5. Five aluminum kettles have replaced worn out iron and aluminum kettles in the kitchen.
6. A new fire box has been installed at Raynham Colony by the city of Taunton.
7. The greater portion of Male and Female Wards 1, 2, 3, 4, 5, and 6 have been equipped with copper fly-screens.
8. Temperature-control and pressure-regulating valves have been purchased for installation in our hot water lines. This will contribute greatly to the safety of our hydrotherapy equipment. We have also purchased temperature control valves for installation at Lovering Colony.
9. A new water supply service to the female infirmary has been installed.
10. A new tube for our Venturi Feed Water Meter has been purchased and installed and a pressure-regulating valve for boiler feed water has been purchased.
11. The cow barn at the main hospital has been covered with asphalt shingles and we have on hand, sufficient shingles to cover the piggery. This work will be accomplished next year.
12. A new food chopper was purchased for the use of the main kitchen. This has added greatly, not only in the routine cooking, but in the preserving of products from the farm.

CONCLUSION

In conclusion, I wish to express my appreciation to the various people who have made donations during the past year, and also to the organizations and societies who have aided in the entertainment of our patients.

I am extremely grateful to the members of your Board for their unfailing interest and advice.

To all the employees, I wish to express my appreciation for the part they have played in accomplishing this year's work.

RALPH M. CHAMBERS, *Superintendent.*

TREASURER'S REPORT

To the Department of Mental Diseases:

I respectfully submit the following report of the finances of this institution for the fiscal year ending November 30, 1926.

Income		CASH ACCOUNT	
		Receipts	
Board of Patients.....		\$82,203.04	
			\$82,203.04
Personal Services:			
Reimbursement from Board of Retirement.....			\$149.86
Sales:			
Clothing and materials.....		\$316.35	
Furnishings and household supplies.....		2.00	
Medical and general care.....		6.25	
Heat, light and power.....		14.61	
Farm:			
Cows and calves.....		315.95	
Hides.....		22.65	
Hay.....		160.00	
Vegetables.....		332.50	
Sundries.....		1.00	
		832.10	
Garage, stable and grounds.....		.44	
Repairs, Ordinary.....		770.35	
Total Sales.....			\$1,942.10
Miscellaneous:			
Interest on bank balances.....		\$407.73	
Rent.....		450.00	
			\$857.73
Board of employees.....			180.00
Total Income.....			\$85,332.73

MAINTENANCE	
Balance from previous year, brought forward.....	\$5,964.35
Appropriations, current year.....	524,290.00
Total.....	\$530,254.35
Expenses (as analyzed below).....	\$508,061.10
Balance reverting to Treasury of Commonwealth.....	\$22,193.25

Analysis of Expenses	
Personal Services.....	\$251,694.54
Religious instruction.....	1,795.00
Travel, transportation and office expenses.....	7,025.60
Food.....	103,021.31
Clothing and materials.....	18,127.05
Furnishings and household supplies.....	30,369.18
Medical and general care.....	18,108.82
Heat, light and power.....	18,782.36
Farm.....	28,475.39
Garage, stable and grounds.....	5,566.33
Repairs Ordinary.....	14,475.19
Repairs and renewals.....	10,620.33
Total expense for Maintenance.....	\$508,061.10

SPECIAL APPROPRIATION	
Balance December 1, 1925.....	\$19.61
Appropriations for current year.....	85,000.00
Total.....	85,019.61
Expended during the year (see statement below).....	\$59,485.55
Reverting to Treasury of Commonwealth.....	.32
	\$59,485.87
Balance November 30, 1926, carried to next year.....	\$25,533.74

OBJECT	ACT OR RESOLVE	WHOLE AMOUNT	EXPENDED DURING FISCAL YEAR	TOTAL EXPENDED TO DATE	BALANCE AT END OF YEAR
Additional Fire Protection.....	Acts 1925 Chap. 510	\$3,600.00	\$19.29	\$3,599.68	*.32
Fire Protection.....	Acts 1925, Chap. 347	18,000.00	10,906.56	10,906.56	7,093.44
Officers' Cottages.....	Acts 1926 Chap. 79	12,000.00	11,091.91	11,091.91	908.09
Modeling certain bldg.....	Acts 1926 Chap. 79	55,000.00	37,467.79	37,467.79	17,532.21
		\$88,600.00	\$59,485.55	\$63,065.94	\$25,534.06
Balance reverting to Treasury of the Commonwealth during year (mark item with *).....					*.32
Balance carried to next year.....					\$25,533.74
Total as above.....					\$25,534.06

PER CAPITA
During the year the average number of inmates has been 1,472.9447
Total cost for maintenance, \$508,061.10
Equal to a weekly per capita cost of \$6.6334 (52 weeks to year)
Receipt from sales, \$1,942.10
Equal to a weekly per capita of \$.0252
All other institution receipts, \$83,390.63.
Equal to a weekly per capita of \$1.0887
Net weekly per capita \$5.5195.

Respectfully submitted,
FRANK W. BOYNTON, *Treasurer.*

VALUATION

NOVEMBER 30, 1926

REAL ESTATE	
Land, 336 acres.....	\$52,250.00
Buildings.....	805,474.61
	<hr/> \$857,724.61

PERSONAL PROPERTY	
Travel, transportation and office expenses.....	4,580.85
Food.....	16,931.68
Clothing and materials.....	21,602.15
Furnishings and household supplies.....	99,046.82
Medical and general care.....	17,011.36
Heat, light and power.....	3,542.73
Farm.....	33,066.16
Garage, stables and grounds.....	6,680.95
Repairs.....	26,444.25
	<hr/> \$228,096.95

SUMMARY	
Real Estate.....	\$857,724.61
Personal property.....	228,906.95
	<hr/> \$1,086,631.56

STATISTICAL TABLES

AS ADOPTED BY THE AMERICAN PSYCHIATRIC ASSOCIATION
PRESCRIBED BY THE MASSACHUSETTS DEPARTMENT OF MENTAL DISEASES
TABLE 1.—*General Information*

1. Date of opening as an institution for the insane, 1854.						
2. Type of institution: State.						
3. Hospital plant						
Value of hospital property						
Real estate including buildings.....						\$857,724.61
Personal property.....						228,906.95
Total.....						<hr/> \$1,086,631.56
Total acreage of hospital property owned, 336.						
(Includes grounds, farm and garden and sites occupied by buildings)						
Total acreage under cultivation during previous year, 86½						
(Includes land owned and rented)						
4. Officers and employees	ACTUALLY IN SERVICE			VACANCIES AT END		
	AT END OF YEAR			OF YEAR		
	M.	F.	T.	M.	F.	T.
Superintendents.....	1	—	1	—	—	—
Assistant physicians.....	7	1	8	2	—	—
Medical internes.....	—	—	—	—	—	—
Clinical assistants.....	—	—	—	—	—	—
	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
Total physicians.....	8	1	9	2	—	—
Stewards.....	1	—	1	—	—	—
Resident dentists.....	1	—	1	—	—	—
Graduate nurses.....	2	12	14	4	1	—
Other nurses and attendants.....	71	69	140	1	3	—
Teachers of O. T.....	—	5	5	—	—	—
Social workers.....	—	3	3	—	—	—
All other officers and employees.....	69	52	121	3	5	—
	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
Total officers and employees.....	152	142	294	10	9	1
5. Census of Patient Population at end of year						

	ACTUALLY IN INSTITUTION			ABSENT FROM INSTITUTION BUT STILL ON BOOKS		
	M.	F.	T.	M.	F.	T.
White						
Insane, total.....	692	770	1462	82	79	161
Colored						
Insane, total.....	3	8	11	-	1	1
Grand Total.....	695	778	1473	82	80	162
Patients employed in industrial classes or in general hospital work on date of report.....	598		458		1,056	
Average daily number of all patients actually in institution during year.....	706.1648		764.5745		1,470.7393	
Voluntary patients admitted during year.....	1		-		1	
Persons given advice or treatment in out-patient clinics during year.....	31		43		74	

TABLE 2.—Financial Statement

Treasurer's report for data requested under this table.

BLE 4.—*Nativity of First Admissions and of Parents of First Admissions for the year ending Sept. 30, 1926*

NATIVITY	PATIENTS			PARENTS OF MALE PATIENTS			PARENTS OF FEMALE PATIENTS		
	M.	F.	T.	F.	M.	Both P.	F.	M.	Both P.
ted States.....	87	97	184	51	49	100	57	58	115
tria.....	1	2	3	1	1	2	2	2	4
nada.....	18	16	34	24	28	52	26	23	49
land.....	8	13	21	9	10	19	16	16	32
rope.....	3	—	3	4	4	8	—	—	—
and.....	1	—	1	2	2	4	—	—	—
nce.....	1	—	1	1	1	2	—	—	—
many.....	2	—	2	2	3	5	3	1	4
ee.....	1	—	1	2	1	3	—	—	—
and.....	3	6	9	17	19	36	18	19	37
y.....	5	—	5	5	5	10	—	—	—
way.....	—	—	—	1	1	2	—	—	—
and.....	4	2	6	8	8	16	2	2	4
ugal.....	26	13	39	28	28	56	21	21	42
sia.....	3	1	4	3	3	6	1	1	2
land.....	—	2	2	5	1	6	4	5	9
den.....	2	5	7	2	2	4	7	8	15
es.....	1	—	1	1	—	1	—	—	—
st Indies.....	—	1	1	—	—	—	1	1	2
scertained.....	—	—	—	—	—	—	—	1	1
Total.....	166	158	324	166	166	332	158	153	316

*Not otherwise specified

*Includes Newfoundland

‡Except Cuba and Porto Rico

LL 4a.—*Age of First Admissions Classified with Reference to Nativity, and Length of Residence in the United States of the Foreign Born for the year ending Sept. 30, 1926*

GROUPS	Aggregate			Total			Native			NATIVE BORN PARENTAGE Foreign			Mixed			Unas'tained		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
r 15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
rs....	6	9	15	4	8	12	—	3	3	3	3	6	1	2	3	—	—	—
8 yrs...	8	14	22	7	13	20	1	3	4	4	9	13	2	1	3	—	—	—
9 years	14	11	25	6	3	9	3	—	3	3	3	6	—	—	—	—	—	—
10 years	17	16	33	5	8	13	2	2	4	3	4	7	—	1	1	—	1	1
11 years	17	11	28	5	5	10	3	2	5	1	3	4	1	—	1	—	—	—
12 years	16	14	30	8	9	17	5	4	9	2	4	6	1	1	2	—	—	—
13 years	14	18	32	8	11	19	2	7	9	4	4	8	2	—	2	—	—	—
14 years	21	14	35	10	5	15	5	3	8	4	1	5	1	1	2	—	—	—
15 years	8	8	16	4	4	8	1	—	1	3	3	6	—	1	1	—	—	—
16 years	10	5	15	2	2	4	1	2	3	1	—	1	—	—	—	—	—	—
17 years	12	11	23	3	10	18	5	9	14	3	1	4	—	—	—	—	—	—
18 years and	23	27	50	20	19	39	16	19	35	1	—	1	3	—	3	—	—	—
er.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
ed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
al	166	158	324	87	97	184	44	54	98	32	35	67	11	7	18	—	1	1

TABLE 5.—*Citizenship of First Admissions for the year ending Sept. 30, 1926*

	M.	F.	T.
Citizens by birth.....	87	97	18
Citizens by naturalization.....	24	18	4
Aliens.....	55	43	—
Citizenship unascertained.....	—	—	—
Total.....	166	158	32

TABLE 6.—*Psychoses of First Admissions for the year ending Sept. 30, 1926*

PSYCHOSES			M.	F.	T.	M.	F.	T.
1	Traumatic psychoses.....					—	—	—
2	Senile psychoses.....					11	23	34
3	Psychoses with cerebral arteriosclerosis.....					23	15	38
4	General paralysis.....					25	9	34
5	Psychoses with cerebral syphilis.....					2	—	2
6	Psychoses with Huntington's chorea.....					—	1	1
7	Psychoses with brain tumor.....					—	—	—
8	Psychoses with other brain or nervous diseases, total*.....					5	1	6
	Paralysis agitans.....	1	—	1				
	Other diseases.....	4	1	5				
9	Alcoholic psychoses, total.....					18	2	20
	Delirium tremens.....	1	—	1				
	Korsakow's psychosis.....	—	1	1				
	Acute hallucinosis.....	4	—	4				
	Other types, acute or chronic.....	13	1	14				
10	Psychoses due to drugs and other exogenous toxins.....					—	—	—
11	Psychoses with pellagra.....					—	—	—
12	Psychoses with other somatic diseases, total.....					3	7	10
	Cardio-renal diseases.....	—	2	2				
	Other diseases or conditions.....	3	5	8				
13	Manic-depressive psychoses, total.....					15	14	29
	Manic type.....	7	9	16				
	Depressive type.....	7	4	11				
	Other types.....	1	1	2				
14	Involution melancholia.....					4	10	14
15	Dementia praecox (schizophrenia).....					39	56	95
16	Paranoia and paranoid conditions.....					—	3	3
17	Epileptic psychoses.....					4	—	4
18	Psychoneuroses and neuroses, total.....					1	4	5
	Hysterical type.....	—	3	3				
	Psychasthenic type (anxiety and obsessive forms).....	1	—	1				
	Neurasthenic type.....	—	1	1				
19	Psychoses with psychopathic personality.....					—	2	2
20	Psychoses with mental deficiency.....					6	8	14
21	Undiagnosed psychoses.....					10	2	12
22	Without psychosis.....					—	—	—
Total.....						166	158	324

TABLE 7.—Race of First Admissions classified with Reference to Principal Psychoses for the year ending Sept. 30. 1926

RACE	TOTAL			TRAU- MATIC			SENILE			WITH CEREBRAL ARTERIO- SCLEROSIS			GENERAL PARALYSIS			WITH CEREERAL SYPHILIS		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
African (black) .	-	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
American Indian	-	1	1	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-
English.....	59	80	139	-	-	-	7	17	24	14	12	26	13	4	17	-	-	-
Finnish.....	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
French.....	21	14	35	-	-	-	2	-	2	2	1	3	2	3	5	1	-	1
German.....	2	1	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Greek.....	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Irish.....	1	1	2	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-
Italian.....	16	18	34	-	-	-	-	5	5	3	-	3	2	1	3	-	-	-
Japanese.....	5	-	5	-	-	-	-	-	-	1	-	1	1	-	1	-	-	-
Latvian.....	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Magyar.....	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Portuguese.....	28	21	49	-	-	-	1	1	2	2	-	2	4	-	4	-	-	-
Scandinavian†..	4	7	11	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-
Slovak.....	-	4	4	-	-	-	-	-	-	-	1	1	-	1	1	-	-	-
Swedish.....	12	3	15	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-
Unk.....	13	5	18	-	-	-	1	-	1	1	-	1	1	-	1	1	-	1
Total.....	166	158	324	-	1	1	11	23	34	23	15	38	25	9	34	2	-	2

includes "North" and "South."
Norwegians, Danes and Swedes.
includes Bohemian, Bosnian, Croatian, Dalmatian, Herzegovinian, Montenegrin, Moravian, Polish, Russian, Ruthenian, Servian, Slovak, Slovenian.

TABLE 7.—Race of First Admissions classified with Reference to Principal Psychoses for the year ending Sept. 30, 1926—Continued

	WITH HUNT- INGTON'S CHOREA			WITH BRAIN TUMOR			WITH OTHER BRAIN OR NERVOUS DISEASES			ALCOHOLIC			DUE TO DRUGS AND OTHER EXOGEN- OUS TOXINS			WITH PELLAGRA		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
African (black).....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
American Indian.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Albanian.....	-	1	1	-	-	-	1	-	1	6	-	6	-	-	-	-	-	-
Ashkenazian.....	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-
Austrian.....	-	-	-	-	-	-	1	-	1	3	1	4	-	-	-	-	-	-
Belgian.....	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-
Berber.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Breton.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bulgarian.....	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-
Canarian.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Catalan.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Czech.....	-	-	-	-	-	-	1	-	1	3	-	3	-	-	-	-	-	-
Danish.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
English.....	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
French.....	-	-	-	-	-	-	-	-	-	3	-	3	-	-	-	-	-	-
German.....	-	-	-	-	-	-	2	-	2	1	-	1	-	-	-	-	-	-
Total.....	-	1	1	-	-	-	5	1	6	18	2	20	-	-	-	-	-	-

TABLE 7.—*Race of First Admissions classified with Reference to Principal Psychoses for the year ending Sept. 30, 1926—Continued*

RACE	WITH OTHER SOMATIC DISEASES			MANIC- DEPRESSIVE			INVOLU- TION MELAN- CHOLIA			DEMENTIA PRAECOX			PARANOIA AND PARANOID CONDI- TIONS		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
African (black).....	-	-	-	-	-	-	-	-	-	-	2	2	-	-	-
American Indian.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
English.....	1	3	4	6	6	12	-	7	7	8	19	27	-	1	-
Finnish.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
French.....	1	-	1	2	1	3	1	-	1	4	7	11	-	-	-
German.....	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-
Greek.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hebrew.....	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-
Irish.....	1	-	1	1	1	2	1	2	3	4	6	10	-	-	-
Italian*.....	-	-	-	1	-	1	-	-	-	1	-	1	-	-	-
Lithuanian.....	-	-	-	-	-	-	-	-	-	2	-	2	-	-	-
Magyar.....	-	-	-	-	-	-	-	-	-	1	1	2	-	-	-
Portuguese.....	-	3	3	2	2	4	2	1	3	11	13	24	-	-	-
Scandinavian†.....	-	-	-	1	3	4	-	-	-	2	2	4	-	1	-
Scotch.....	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-
Slavonic‡.....	-	-	-	-	1	1	-	-	-	4	1	5	-	1	-
Mixed.....	-	1	1	2	-	2	-	-	-	1	3	4	-	-	-
Total.....	3	7	10	15	14	29	4	10	14	39	56	95	-	3	-

*Includes "North" and "South."

.Norwegians, Danes, and Swedes.

Includes Bohemian, Bosnian, Croatian, Delmatian, Herzegovinian, Montenegrin, Moravian, Polish, Russian, Ruthenian, Servian, Slovak, Slovenian.

*Include "North" and "South."

†Norwegians, Danes and Swedes.

‡Includes Bohemian, Bosnian, Croatian, Delmatian, Herzegovinian, Montenegrin, Moravian, Polish, Russian, Ruthenian, Servian, Slovak, Slovenian.

TABLE 7.—*Race of First Admissions classified with Reference to Principal Psychoses for the year ending Sep. 30, 1926—Concluded.*

RACE	EPILEPTIC PSYCHOSIS			PSYCHO- NEUROSES AND NEUROSES			WITH PSYCHO- PATHIC PERSON- ALITY			WITH MENTAL DEFICIENCY			UNDIAG- NOSED PSYCHOSIS			WITH PSYCHO- PATHIC PERSON- ALITY	
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.
African (black).....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
American Indian.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
English.....	1	-	1	-	3	3	-	2	2	1	3	4	1	2	3	-	-
Finnish.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
French.....	-	-	-	-	-	-	-	-	-	1	1	2	-	-	2	-	-
German.....	-	-	-	-	-	-	-	-	-	1	1	2	-	-	2	-	-
Greek.....	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-
Hebrew.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Irish.....	1	-	1	-	-	-	-	-	-	2	2	3	-	-	3	-	-
Italian*.....	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-
Lithuanian.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Magyar.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Portuguese.....	-	-	-	-	-	-	-	-	-	2	1	3	-	-	-	-	-
Scandinavian†.....	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Scotch.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Slavonic‡.....	1	-	1	1	-	1	-	-	-	1	-	1	1	-	1	-	-
Mixed.....	-	-	-	-	1	1	-	-	-	2	-	2	1	-	1	-	-
Total.....	4	-	4	1	4	5	-	2	2	6	8	14	10	2	12	-	-

TABLE 8.—Age of First Admissions classified with Reference to Principal Psychoses
for the year ending Sept. 30, 1926

PSYCHOSES	TOTAL			15—19 YEARS			20—24 YEARS			25—29 YEARS			30—34 YEARS		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Traumatic.....	—	1	1	—	1	1	—	—	—	—	—	—	—	—	—
Senile.....	11	23	34	—	—	—	—	—	—	—	—	—	—	—	—
With cerebral arterio- sclerosis.....	23	15	38	—	—	—	—	—	—	—	—	—	—	—	—
General paralysis.....	25	9	34	1	—	1	—	—	—	—	—	—	1	—	1
With cerebral syphilis.....	2	—	2	—	—	—	—	—	—	—	—	—	—	—	—
With Huntington's chorea.....	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—
With brain tumor.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
With other brain or nervous diseases.....	5	1	6	—	—	—	1	—	1	—	—	—	1	—	1
Alcoholic.....	18	2	20	—	—	—	—	—	—	1	—	1	4	—	4
Due to drugs and other exogenous toxins.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
With pellagra.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
With other somatic diseases.....	3	7	10	—	—	—	—	—	—	—	—	—	—	3	3
Manic-depressive.....	15	14	29	—	—	—	—	4	4	4	1	5	—	2	2
Involution melancholia.....	4	10	14	—	—	—	—	—	—	—	—	—	—	—	—
Dementia praecox.....	39	56	95	3	6	9	7	6	13	7	9	16	8	10	18
Paranoia or paranoid conditions.....	—	3	3	—	—	—	—	—	—	—	—	—	—	—	—
Epileptic psychoses.....	4	—	4	—	—	—	—	—	—	1	—	1	1	—	1
Psychoneuroses and neuroses.....	1	4	5	—	—	—	—	—	—	—	1	1	1	—	1
With psychopathic per- sonality.....	—	2	2	—	1	1	—	1	1	—	—	—	—	—	—
With mental deficiency.....	6	8	14	2	1	3	—	3	3	—	—	—	1	—	1
Undiagnosed psychoses.....	10	2	12	—	—	—	—	—	—	1	—	1	—	—	—
Without psychosis.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total.....	166	158	324	6	9	15	8	14	22	14	11	25	17	15	32

TABLE 8.—Age of First Admissions classified with Reference to Principal Psychoses
for the year ending Sept. 30, 1926—Continued

PSYCHOSES	35—39 YEARS			40—44 YEARS			45—49 YEARS			50—54 YEARS		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Traumatic.....	—	—	—	—	—	—	—	—	—	—	—	—
Senile.....	—	—	—	—	—	—	—	—	—	—	—	—
With cerebral arteriosclerosis.....	—	—	—	—	—	—	—	—	—	1	2	3
General paralysis.....	3	1	4	3	3	6	4	2	6	8	1	9
With cerebral syphilis.....	—	—	—	—	—	—	—	—	—	2	—	2
With Huntington's chorea.....	—	—	—	—	—	—	—	—	—	—	—	—
With brain tumor.....	—	—	—	—	—	—	—	—	—	—	—	—
With other brain or nervous diseases.....	—	1	1	1	—	1	—	—	—	—	—	—
Alcoholic.....	4	—	4	4	—	4	1	—	1	2	1	3
Due to drugs and other exogenous toxins.....	—	—	—	—	—	—	—	—	—	—	—	—
With pellagra.....	—	—	—	—	—	—	—	—	—	—	—	—
With other somatic diseases.....	—	1	1	—	—	—	1	—	1	—	1	1
Manic-depressive.....	3	1	4	—	1	1	3	1	4	2	1	3
Involution melancholia.....	—	—	—	—	2	2	1	2	3	1	3	4
Dementia praecox.....	9	8	17	—	6	6	2	8	10	2	2	4
Paranoia or paranoid conditions.....	—	—	—	—	1	1	—	—	—	—	1	1
Epileptic psychoses.....	—	—	—	1	—	1	—	—	—	1	—	1
Psychoneuroses and neuroses.....	—	—	—	—	1	1	—	1	1	—	1	1
With psychopathic personality.....	—	—	—	—	—	—	—	—	—	—	—	—
With mental deficiency.....	2	—	2	—	—	—	1	3	4	—	—	—
Undiagnosed psychoses.....	—	—	—	3	—	3	1	1	2	2	1	3
Without psychosis.....	—	—	—	—	—	—	—	—	—	—	—	—
Total.....	21	12	33	12	14	26	14	18	32	21	14	35

TABLE 8.—*Age of First Admissions classified with Reference to Principal Psychoses for the year ending Sept. 30, 1926—Concluded*

PSYCHOSES	55—59 YEARS			60—64 YEARS			65—69 YEARS			70 Years AND OVER		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic.....	—	—	—	—	—	—	—	—	—	—	—	—
2. Senile.....	—	—	—	2	3	5	3	3	6	6	17	2
3. With cerebral arteriosclerosis.....	3	—	3	3	1	4	1	3	4	15	9	2
4. General paralysis.....	1	2	3	1	—	1	2	—	2	1	—	—
5. With cerebral syphilis.....	—	—	—	—	—	—	—	—	—	—	—	—
6. With Huntington's chorea.....	—	—	—	—	—	—	—	1	1	—	—	—
7. With brain tumor.....	—	—	—	—	—	—	—	—	—	—	—	—
8. With other brain or nervous diseases	1	—	1	—	—	—	1	—	1	—	—	—
9. Alcoholic.....	—	1	1	1	—	1	—	—	—	1	—	—
10. Due to drugs and other exogenous toxins.....	—	—	—	—	—	—	—	—	—	—	—	—
11. With pellagra.....	—	—	—	—	—	—	—	—	—	—	—	—
12. With other somatic diseases.....	1	—	1	—	—	—	1	1	2	—	1	—
13. Manic-depressive.....	—	2	2	1	—	1	2	1	3	—	—	—
14. Involution melancholia.....	1	2	3	1	—	1	—	1	1	—	—	—
15. Dementia praecox.....	—	1	1	—	—	—	1	—	1	—	—	—
16. Paranoia or paranoid conditions...	—	—	—	—	1	1	—	—	—	—	—	—
17. Epileptic psychoses.....	—	—	—	—	—	—	—	—	—	—	—	—
18. Psychoneuroses and neuroses.....	—	—	—	—	—	—	—	—	—	—	—	—
19. With psychopathic personality.....	—	—	—	—	—	—	—	—	—	—	—	—
20. With mental deficiency.....	—	1	1	—	—	—	—	—	—	—	—	—
21. Undiagnosed psychoses.....	1	—	1	1	—	1	1	—	1	—	—	—
22. Without psychosis.....	—	—	—	—	—	—	—	—	—	—	—	—
Total.....	8	9	17	10	5	15	12	10	22	23	27	5

TABLE 9.— *Degree of Education of First Admissions classified with Reference to Principal Psychoses for the year ending Sept. 30, 1926.*

PSYCHOSES	TOTAL			ILLITERATE			READS AND WRITES*			COMMON SCHOOL			HIGH SCHOOL			COLLEGE			UNASCERTAINED		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.			
1. Traumatic.....	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
2. Senile.....	11	23	34	—	5	7	—	—	—	1	15	21	—	3	4	—	—	—	—	—	
3. With cerebral arteriosclerosis.....	23	15	38	2	1	3	1	4	5	16	8	24	2	2	4	—	—	—	—	—	
4. General paralysis.....	25	9	34	3	2	5	2	—	—	17	7	24	3	—	3	—	—	—	—	—	
5. With cerebral syphilis.....	2	—	2	—	—	—	—	—	—	2	—	2	—	—	—	—	—	—	—	—	
6. With Huntington's chorea.....	—	1	1	—	—	—	—	—	—	—	1	1	—	—	—	—	—	—	—	—	
7. With brain tumor.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
8. With other brain or nervous diseases.....	5	1	6	—	—	—	1	—	—	4	1	5	—	—	—	—	—	—	—	—	
9. Alcoholic.....	18	2	20	3	—	3	2	1	3	13	1	14	—	—	—	—	—	—	—	—	
10. Due to drugs and other exogenous toxins.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
11. With pellagra.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
12. With other somatic diseases.....	3	7	10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
13. Manic-depressive.....	15	14	29	—	—	—	2	1	3	3	5	8	—	1	1	—	—	—	—	—	
14. Involution melancholia.....	4	10	14	4	1	5	—	1	1	11	12	23	2	1	3	—	—	—	—	—	
15. Dementia praecox.....	39	56	95	3	1	4	4	8	12	26	32	58	6	1	1	—	—	—	—	—	
16. Paranoia or paranoid conditions.....	—	3	3	—	—	—	—	—	—	—	3	3	—	—	17	—	2	2	2	—	
17. Epileptic psychoses.....	4	4	8	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
18. Psychoneuroses and neuroses.....	1	4	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
19. With psychopathic personality.....	—	2	2	—	—	—	—	—	—	—	3	3	—	1	2	—	—	—	—	—	
20. With mental deficiency.....	6	8	14	1	2	3	1	3	4	—	4	7	—	—	—	—	—	—	—	—	
21. Undiagnosed psychoses.....	10	2	12	2	—	2	2	—	—	5	2	7	1	—	1	—	—	—	—	—	
22. Without psychosis.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Total.....	166	158	324	21	12	33	16	19	35	110	103	213	16	20	36	3	2	5	—	2	

*Includes those who did not complete fourth grade in school.

TABLE 10.—*Environment of First Admissions classified with Reference to Principal Psychoses for the year ending Sept. 30, 1926*

PSYCHOSES	TOTAL			URBAN			Rural		
	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic.....	—	1	1	—	1	1	—	—	—
2. Senile.....	11	23	34	7	19	26	4	4	8
3. With cerebral arteriosclerosis.....	23	15	38	20	10	30	3	5	8
4. General paralysis.....	25	9	34	23	9	32	2	—	2
5. With cerebral syphilis.....	2	—	2	2	—	2	—	—	—
6. With Huntington's chorea.....	—	1	1	—	1	1	—	—	—
7. With brain tumor.....	—	—	—	—	—	—	—	—	—
8. With other brain or nervous diseases.....	5	1	6	5	1	6	—	—	—
9. Alcoholic.....	18	2	20	17	2	19	1	—	1
10. Due to drugs and other exogenous toxins.....	—	—	—	—	—	—	—	—	—
11. With pellagra.....	—	—	—	—	—	—	—	—	—
12. With other somatic diseases.....	3	7	10	3	7	10	—	—	—
13. Manic-depressive.....	15	14	29	14	12	26	1	2	3
14. Involution melancholia.....	4	10	14	4	7	11	—	3	3
15. Dementia praecox.....	39	56	95	36	50	86	3	6	9
16. Paranoia or paranoid conditions.....	—	3	3	—	3	3	—	—	—
17. Epileptic psychoses.....	4	—	4	4	—	4	—	—	—
18. Psychoneuroses and neuroses.....	1	4	5	1	4	5	—	—	—
19. With psychopathic personality.....	—	2	2	—	2	2	—	—	—
20. With mental deficiency.....	6	8	14	6	8	14	—	—	—
21. Undiagnosed psychoses.....	10	2	12	10	2	12	—	—	—
22. Without psychosis.....	—	—	—	—	—	—	—	—	—
Total.....	166	158	324	152	138	290	14	20	34

TABLE 11.—*Economic Condition of First Admissions classified with Reference to Principal Psychoses for the year ending Sept. 30, 1926*

PSYCHOSES	TOTAL			DEPENDENT			MARGINAL			COMFORTABLE		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic.....	—	1	1	—	1	1	—	—	—	—	—	—
2. Senile.....	11	23	34	7	9	16	4	13	17	—	1	1
3. With cerebral arteriosclerosis.....	23	15	38	12	4	16	8	10	18	3	1	4
4. General paralysis.....	25	9	34	6	2	8	15	7	22	4	—	4
5. With cerebral syphilis.....	2	—	2	2	—	2	—	—	—	—	—	—
6. With Huntington's chorea.....	—	1	1	—	—	—	—	1	1	—	—	—
7. With brain tumor.....	—	—	—	—	—	—	—	—	—	—	—	—
8. With other brain or nervous diseases.....	5	1	6	2	—	2	2	1	3	1	—	—
9. Alcoholic.....	18	2	20	3	—	3	14	2	16	1	—	—
10. Due to drugs and other exogenous toxins.....	—	—	—	—	—	—	—	—	—	—	—	—
11. With pellagra.....	—	—	—	—	—	—	—	—	—	—	—	—
12. With other somatic diseases.....	3	7	10	2	—	2	1	7	8	—	—	—
13. Manic-depressive.....	15	14	29	5	2	7	8	11	19	2	1	3
14. Involution melancholia.....	4	10	14	—	1	1	2	9	11	2	—	—
15. Dementia praecox.....	39	56	95	11	15	26	26	39	65	2	2	4
16. Paranoia or paranoid conditions.....	—	3	3	—	—	—	—	3	3	—	—	—
17. Epileptic psychoses.....	4	—	4	2	—	2	2	—	2	—	—	—
18. Psychoneuroses and neuroses.....	1	4	5	—	1	1	1	3	4	—	—	—
19. With psychopathic personality.....	—	2	2	—	1	1	—	1	1	—	—	—
20. With mental deficiency.....	6	8	14	5	6	11	1	2	3	—	—	—
21. Undiagnosed psychoses.....	10	2	12	3	—	3	6	2	8	1	—	—
22. Without psychosis.....	—	—	—	—	—	—	—	—	—	—	—	—
Total.....	166	158	324	60	42	102	90	111	201	16	5	21

TABLE 12.—*Use of Alcohol by First Admissions classified with Reference to Principal Psychoses for the year ending Sept. 30, 1926*

PSYCHOSES	TOTAL			ABSTINENT			TEMPERATE			INTEMPERATE		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Traumatic.....	—	1	1	—	1	1	—	—	—	—	—	—
Senile.....	11	23	34	4	23	27	6	—	6	1	—	1
With cerebral arteriosclerosis.....	23	15	38	15	13	28	7	—	7	1	2	3
General paralysis.....	25	9	34	11	9	20	9	—	9	5	—	5
With cerebral syphilis.....	2	—	2	—	—	—	1	—	1	1	—	1
With Huntington's chorea.....	—	1	1	—	1	1	—	—	—	—	—	—
With brain tumor.....	—	—	—	—	—	—	—	—	—	—	—	—
With other brain or nervous diseases	5	1	6	1	1	2	3	—	3	1	—	1
Alcoholic.....	18	2	20	—	—	—	—	—	—	18	2	20
Due to drugs and other exogenous toxins.....	—	—	—	—	—	—	—	—	—	—	—	—
With pellagra.....	—	—	—	—	—	—	—	—	—	—	—	—
With other somatic diseases.....	3	7	10	2	6	8	1	1	2	—	—	—
Manic-depressive.....	15	14	29	9	14	23	5	—	5	1	—	1
Involution melancholia.....	4	10	14	—	9	9	3	1	4	1	—	1
Dementia praecox.....	39	56	95	20	54	74	14	2	16	5	—	5
Paranoia or paranoid conditions...	—	3	3	—	2	2	—	1	1	—	—	—
Epileptic psychoses.....	4	—	4	3	—	3	1	—	1	—	—	—
Psychoneuroses and neuroses.....	1	4	5	1	4	5	—	—	—	—	—	—
With psychopathic personality.....	—	2	2	—	2	2	—	—	—	—	—	—
With mental deficiency.....	6	8	14	4	8	12	1	—	1	1	—	1
Undiagnosed psychoses.....	10	2	12	4	2	6	2	—	2	4	—	4
Without psychosis.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total.....	166	158	324	74	149	223	53	5	58	39	4	43

TABLE 13.—*Marital Condition of First Admissions classified with Reference to Principal Psychoses for the year ending Sept. 30, 1926*

PSYCHOSES	TOTAL			SINGLE			MARRIED			WIDOWED			SEPARATED			DIVORCED		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic.....	—	1	1	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—
2. Senile.....	11	23	34	1	5	6	6	4	10	3	14	17	1	—	—	—	—	—
3. With cerebral arteriosclerosis.....	23	15	38	1	2	3	7	4	11	5	9	14	—	—	—	2	—	2
4. General paralysis.....	25	19	44	6	—	6	17	7	24	1	2	3	—	—	—	1	—	1
5. With cerebral syphilis.....	2	—	2	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—
6. With Huntington's chorea.....	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
7. With brain tumor.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8. With other brain or nervous diseases.....	5	1	6	2	1	3	3	—	3	—	—	—	—	—	—	—	—	—
9. Alcoholic.....	18	2	20	8	—	8	9	2	11	1	—	—	—	—	—	—	—	—
10. Due to drugs and other exogenous toxins.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11. With pellagra.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
12. With other somatic diseases.....	3	7	10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
13. Manic-depressive.....	15	14	29	2	2	4	9	5	7	1	2	3	—	—	—	3	—	3
14. Involution melancholia.....	4	10	14	1	1	2	3	7	10	1	2	2	—	—	—	—	—	—
15. Dementia praecox.....	39	56	95	25	27	52	12	25	37	2	2	4	—	—	—	—	—	—
16. Paranoia or paranoid conditions.....	—	3	3	3	—	—	—	3	3	—	—	—	—	—	—	—	—	—
17. Epileptic psychoses.....	4	—	4	3	—	3	1	—	1	—	—	—	—	—	—	—	—	—
18. Psychoneuroses and neuroses.....	1	4	5	—	1	1	1	—	1	—	—	—	—	—	—	—	—	—
19. With psychopathic personality.....	—	2	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20. With mental deficiency.....	6	8	14	6	7	13	—	1	1	—	—	—	—	—	—	—	—	—
21. Undiagnosed psychoses.....	10	2	12	7	—	7	—	—	—	—	—	—	—	—	—	—	—	—
22. Without psychosis.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total.....	166	158	324	67	48	115	78	70	148	14	36	50	1	1	2	6	3	9

TABLE 14.—*Psychoses of Readmissions for the year ending Sept. 30, 1926*

PSYCHOSES	M.	F.	T.
1. Traumatic psychoses.....	—	—	—
2. Senile psychoses.....	2	—	2
3. Psychoses with cerebral arteriosclerosis.....	—	1	1
4. General paralysis.....	—	1	1
5. Psychoses with cerebral syphilis.....	—	—	—
6. Psychoses with Huntington's chorea.....	—	—	—
7. Psychoses with brain tumor.....	—	—	—
8. Psychoses with other brain or nervous diseases.....	2	—	2
9. Alcoholic psychoses.....	3	—	3
10. Psychoses due to drugs and other exogenous toxins.....	—	—	—
11. Psychoses with pellagra.....	—	—	—
12. Psychoses with other somatic diseases.....	—	1	1
13. Manic-depressive psychoses.....	10	8	18
14. Involution melancholia.....	2	—	2
15. Dementia praecox.....	9	20	29
16. Paranoia and paranoid conditions.....	1	—	1
17. Epileptic psychoses.....	—	—	—
18. Psychoneuroses and neuroses.....	1	3	4
19. Psychoses with psychopathic personality.....	1	—	1
20. Psychoses with mental deficiency.....	4	3	7
21. Undiagnosed psychoses.....	1	—	1
22. Without psychosis.....	—	—	—
Total.....	36	37	73

TABLE 15.—*Discharges of Patients classified with Reference to Principal Psychoses and Condition on Discharge for the year ending Sept. 30, 1926*

PSYCHOSES	TOTAL			RECOVERED			IMPROVED			UNIMPROVED		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Traumatic.....	—	—	—	—	—	—	—	—	—	—	—	—
Senile.....	2	2	4	—	—	—	2	1	3	—	1	1
With cerebral arteriosclerosis.....	5	1	6	—	—	—	5	—	5	—	1	1
General paralysis.....	3	2	5	—	—	—	3	—	3	—	2	2
With cerebral syphilis.....	—	1	1	—	—	—	—	1	1	—	—	—
With Huntington's chorea.....	—	—	—	—	—	—	—	—	—	—	—	—
With brain tumor.....	—	—	—	—	—	—	—	—	—	—	—	—
With other brain or nervous diseases	1	1	2	—	—	—	1	—	1	—	1	1
Alcoholic.....	14	—	14	2	—	2	11	—	11	1	—	1
Due to drugs and other exogenous toxins.....	—	—	—	—	—	—	—	—	—	—	—	—
With pellagra.....	—	—	—	—	—	—	—	—	—	—	—	—
With other somatic diseases.....	1	2	3	—	1	1	—	1	1	1	—	1
Manic-depressive.....	10	6	16	—	—	—	10	4	14	—	2	2
Involution melancholia.....	2	1	3	—	—	—	2	1	3	—	—	—
Dementia praecox.....	28	22	50	—	—	—	22	17	39	6	5	11
Paranoia or paranoid conditions...	1	1	2	—	—	—	1	1	2	—	—	—
Epileptic psychoses.....	2	1	3	—	—	—	2	1	3	—	—	—
Psychoneuroses and neuroses.....	—	4	4	—	1	1	—	3	3	—	—	—
With psychopathic personality.....	1	2	3	—	—	—	—	1	1	1	1	2
With mental deficiency.....	8	7	15	—	1	1	7	5	12	1	1	2
Undiagnosed psychoses.....	7	2	9	—	—	—	4	2	6	3	—	3
Without psychosis.....	1	—	1	—	—	—	—	—	—	—	—	—
Total.....	86	55	141	2	3	5	70	38	108	13	14	27

TABLE 16.—Causes of Death of Patients classified with Reference to Principal Psychoses for the year ending Sept. 30, 1926

CAUSES OF DEATH	TOTAL			SENILE			WITH CEREBRAL ARTERIO-SCLEROSIS			GENERAL PARALYSIS			ALCOHOLIC			MANIC-DEPRESSIVE			INVOLUTION MELAN-CHOLIA		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
<i>General Diseases</i>																					
Typhoid fever.....	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Diphtheria.....	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Erysipelas.....	—	1	1	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Septicæmia.....	1	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Tuberculosis of lungs.....	9	4	13	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other forms of tuberculosis.....	2	1	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cancer.....	1	1	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Tumor (non-cancerous).....	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Diabetes.....	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
<i>Nervous System</i>																					
General paralysis of insane.....	15	4	19	—	—	—	—	—	—	15	4	19	—	—	—	—	—	—	—	—	—
Epilepsy.....	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
<i>Circulatory System</i>																					
Pericarditis.....	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Endocarditis and myocarditis.....	13	3	16	—	2	4	—	—	—	—	2	—	—	—	—	—	—	—	—	—	—
Other diseases of the heart.....	1	1	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Arteriosclerosis.....	17	20	37	1	3	4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other diseases of circulatory system.....	3	4	7	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
<i>Respiratory System</i>																					
Bronchopneumonia.....	15	14	29	—	9	10	—	—	—	3	—	3	—	—	—	—	—	—	—	—	—
Lobar pneumonia.....	1	5	6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Asthma.....	—	1	1	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
<i>Digestive System</i>																					
Diarrhea and enteritis.....	6	7	13	1	1	2	—	—	—	—	2	2	—	—	—	—	—	—	—	—	—
Hernia and intestinal obstruction.....	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other diseases of intestines.....	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cirrhosis of liver.....	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
<i>Genito-Urinary System</i>																					
Chronic nephritis.....	1	4	5	—	—	—	—	—	—	—	1	1	—	—	—	—	—	—	—	—	—
Diseases of bladder.....	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
<i>Diseases of Bones and Locomotor System</i> (Tuberculosis and ehumatism excepted).....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total.....	90	76	166	7	17	24	26	23	49	21	7	28	3	1	4	5	2	7	1	2	3

CAUSES OF DEATH	PHRECOX			ACASOID CONDITIONS			EPILEPTIC PSYCHOSES			NEUROSES AND NEUROSES			PSYCHO-PATHIC PERSONALITY			MENTAL DEFICIENCY			-ALL OTHER PSYCHOSES			
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	
<i>General Diseases</i>																						
Typhoid fever.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diphtheria.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Erysipelas.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Septicaemia.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tuberculosis of lungs.....	5	2	7	-	1	1	1	1	-	-	-	-	-	-	-	-	2	-	2	-	-	-
Other forms of tuberculosis.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cancer.....	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tumor (non-cancerous).....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diabetes.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Nervous System</i>																						
General paralysis of insane.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Epilepsy.....	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Circulatory System</i>																						
Pericarditis.....	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endocarditis and myocarditis.....	1	1	1	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Other diseases of the heart.....	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Arteriosclerosis.....	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other diseases of circulatory system.....	1	2	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Respiratory System</i>																						
Bronchopneumonia.....	3	2	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lobar pneumonia.....	-	2	2	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Asthma.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Digestive System</i>																						
Diarrhea and enteritis.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hernia and intestinal obstruction.....	-	1	1	-	-	-	-	1	1	-	-	-	-	-	-	-	1	1	2	-	-	-
Other diseases of intestines.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cirrhosis of liver.....	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Genito-Urinary System</i>																						
Chronic nephritis.....	1	-	1	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diseases of bladder.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-
<i>Diseases of the Skin</i>																						
<i>Diseases of Bones and Locomotor System</i>																						
(Tuberculosis and rheumatism excepted).....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Violence</i>																						
Total.....	13	13	26	-	3	3	3	2	5	-	-	-	-	-	-	2	5	7	9	1	1	10

*Includes group 99

TABLE 17.—*Age of Patients at Time of Death classified with Reference to Principal Psychoses for the year ending Sept. 30, 1926*

PSYCHOSES	TOTAL			20—24 YEARS			25—29 YEARS			30—34 YEARS	
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.
1. Traumatic.....	—	—	—	—	—	—	—	—	—	—	—
2. Senile.....	7	17	24	—	—	—	—	—	—	—	—
3. With cerebral arteriosclerosis.....	26	23	49	—	—	—	—	—	—	—	—
4. General paralysis.....	21	7	28	1	—	1	—	—	—	—	—
5. With cerebral syphilis.....	1	—	1	—	—	—	—	—	—	—	—
6. With Huntington's chorea.....	—	—	—	—	—	—	—	—	—	—	—
7. With brain tumor.....	—	—	—	—	—	—	—	—	—	—	—
8. With other brain or nervous diseases	4	—	4	1	—	1	—	—	—	—	—
9. Alcoholic.....	3	1	4	—	—	—	—	—	—	—	—
10. Due to drugs and other exogenous toxins.....	1	—	1	—	—	—	—	—	—	—	—
11. With pellagra.....	—	—	—	—	—	—	—	—	—	—	—
12. With other somatic diseases.....	1	1	2	—	—	—	—	—	—	—	—
13. Manic-depressive.....	5	2	7	—	1	1	1	—	1	—	—
14. Involution melancholia.....	1	2	3	—	—	—	—	—	—	—	—
15. Dementia praecox.....	13	13	26	2	1	3	—	—	—	2	1
16. Paranoia or paranoid conditions...	—	3	3	—	—	—	—	—	—	—	—
17. Epileptic psychoses.....	3	2	5	—	—	—	—	—	—	—	—
18. Psychoneuroses and neuroses.....	—	—	—	—	—	—	—	—	—	—	—
19. With psychopathic personality.....	—	—	—	—	—	—	—	—	—	—	—
20. With mental deficiency.....	2	5	7	—	—	—	—	1	1	—	—
21. Undiagnosed psychoses.....	2	—	2	—	—	—	—	—	—	—	—
22. Without psychosis.....	—	—	—	—	—	—	—	—	—	—	—
Total.....	90	76	166	4	2	6	1	1	2	2	1

TABLE 17.—*Total Duration of Hospital Life of Patients dying in Hospital classified according to Principal Psychoses for the year ending Sept.*

PSYCHOSES	35—39 YEARS			40—44 YEARS			45—49 YEARS			50—54 YEARS	
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.
1. Traumatic.....	—	—	—	—	—	—	—	—	—	—	—
2. Senile.....	—	—	—	—	—	—	—	—	—	—	—
3. With cerebral arteriosclerosis.....	—	—	—	1	—	1	—	—	—	—	2
4. General paralysis.....	3	1	4	6	1	7	1	3	4	7	—
5. With cerebral syphilis.....	1	—	1	—	—	—	—	—	—	—	—
6. With Huntington's chorea.....	—	—	—	—	—	—	—	—	—	—	—
7. With brain tumor.....	—	—	—	—	—	—	—	—	—	—	—
8. With other brain or nervous diseases	—	—	—	1	—	1	—	—	—	2	—
9. Alcoholic.....	—	—	—	—	—	—	—	—	—	1	1
10. Due to drugs and other exogenous toxins.....	—	—	—	—	—	—	—	—	—	—	—
11. With pellagra.....	—	—	—	—	—	—	—	—	—	—	—
12. With other somatic diseases.....	—	—	—	—	—	—	—	—	—	—	—
13. Manic-depressive.....	—	—	—	—	—	—	—	—	—	—	1
14. Involution melancholia.....	—	—	—	—	—	—	2	2	—	—	—
15. Dementia praecox.....	1	1	2	—	4	4	—	2	2	2	—
16. Paranoia or paranoid conditions...	—	—	—	—	—	—	—	—	—	—	1
17. Epileptic psychoses.....	1	—	1	—	—	—	1	—	1	—	—
18. Psychoneuroses and neuroses.....	—	—	—	—	—	—	—	—	—	—	—
19. With psychopathic personality.....	—	—	—	—	—	—	—	—	—	—	—
20. With mental deficiency.....	2	1	3	—	—	—	—	—	—	—	1
21. Undiagnosed psychoses.....	—	—	—	—	—	—	—	—	—	—	—
22. Without psychosis.....	—	—	—	—	—	—	—	—	—	—	—
Total.....	8	3	11	8	5	13	2	7	9	12	6

TABLE 17.—*Age of Patients at Time of Death classified with References to Principal Psychoses for the Year ending September 30, 1926*

PSYCHOSES	55—59 YEARS			60—64 YEARS			65—69 YEARS			70 YEARS and OVER		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Traumatic.....	—	—	—	—	—	—	—	—	—	—	—	—
Senile.....	—	—	—	2	—	2	—	4	4	5	13	18
With cerebral arteriosclerosis.....	2	1	3	2	1	3	3	3	6	18	16	34
General paralysis.....	—	2	2	3	—	3	—	—	—	—	—	—
With cerebral syphilis.....	—	—	—	—	—	—	—	—	—	—	—	—
With Huntington's chorea.....	—	—	—	—	—	—	—	—	—	—	—	—
With brain tumor.....	—	—	—	—	—	—	—	—	—	—	—	—
With other brain or nervous diseases	—	—	—	—	—	—	—	—	—	—	—	—
Alcoholic.....	—	—	—	1	—	1	1	—	1	—	—	—
Due to drugs and other exogenous	—	—	—	—	—	—	—	—	—	—	—	—
toxins.....	1	—	1	—	—	—	—	—	—	—	—	—
With pellagra.....	—	—	—	—	—	—	—	—	—	—	—	—
With other somatic diseases.....	—	—	—	—	—	—	1	—	1	—	1	1
Manic-depressive.....	—	—	—	—	—	—	1	—	1	3	—	3
Involution melancholia.....	—	—	—	1	—	1	—	—	—	—	—	—
Dementia praecox.....	—	1	1	—	1	1	1	—	1	5	2	7
Paranoia or paranoid conditions....	—	—	—	—	1	1	—	—	—	—	1	1
Epileptic psychoses.....	—	—	—	—	—	—	1	1	2	—	1	1
Psychoneuroses and neuroses.....	—	—	—	—	—	—	—	—	—	—	—	—
With psychopathic personality.....	—	—	—	—	—	—	—	—	—	—	—	—
With mental deficiency.....	—	1	1	—	1	1	—	—	—	—	—	—
Undiagnosed psychoses.....	—	—	—	—	—	—	1	—	1	1	—	1
Without psychosis.....	—	—	—	—	—	—	—	—	—	—	—	—
Total.....	3	5	8	9	4	13	9	8	17	32	34	66

TABLE 18.—*Total Duration of Hospital Life of Patients dying in Hospital classified according to Principal Psychoses for the year ending Sept. 30, 1926*

PSYCHOSES	TOTAL			LESS THAN 1 MONTH			1—3 MONTHS			4—7 MONTHS		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Traumatic.....	—	—	—	—	—	—	—	—	—	—	—	—
Senile.....	7	17	24	1	2	3	2	4	6	1	—	1
With cerebral arteriosclerosis.....	26	23	49	8	4	12	8	—	8	—	4	4
General paralysis.....	21	7	28	2	—	2	6	4	10	3	1	4
With cerebral syphilis.....	1	—	1	—	—	—	—	—	—	—	—	—
With Huntington's chorea.....	—	—	—	—	—	—	—	—	—	—	—	—
With brain tumor.....	—	—	—	—	—	—	—	—	—	—	—	—
With other brain or nervous diseases	4	—	4	—	—	—	1	—	1	1	—	1
Alcoholic.....	3	1	4	—	—	—	1	—	1	—	—	—
Due to drugs and other exogenous	—	—	—	—	—	—	—	—	—	—	—	—
toxins.....	1	—	1	—	—	—	—	—	—	—	—	—
With pellagra.....	—	—	—	—	—	—	—	—	—	—	—	—
With other somatic diseases.....	1	1	2	1	1	2	—	—	—	—	—	—
Manic-depressive.....	5	2	7	—	—	—	2	1	3	1	—	1
Involution melancholia.....	1	2	3	—	2	2	—	—	—	—	—	—
Dementia praecox.....	13	13	26	—	—	—	1	1	2	2	2	4
Paranoia or paranoid conditions....	—	3	3	—	—	—	—	1	1	—	—	—
Epileptic psychoses.....	3	2	5	—	—	—	—	1	1	1	—	1
Psychoneuroses and neuroses.....	—	—	—	—	—	—	—	—	—	—	—	—
With psychopathic personality.....	—	—	—	—	—	—	—	—	—	—	—	—
With mental deficiency.....	2	5	7	—	1	1	2	—	2	—	—	—
Undiagnosed psychoses.....	2	—	2	1	—	1	1	—	1	—	—	—
Without psychosis.....	—	—	—	—	—	—	—	—	—	—	—	—
Total.....	90	76	166	13	10	23	24	12	36	9	7	16

TABLE 18.—*Total Duration of Hospital Life of Patients dying in Hospital classified according to Principal Psychoses for the year ending Sept. 30, 1926—Continued*

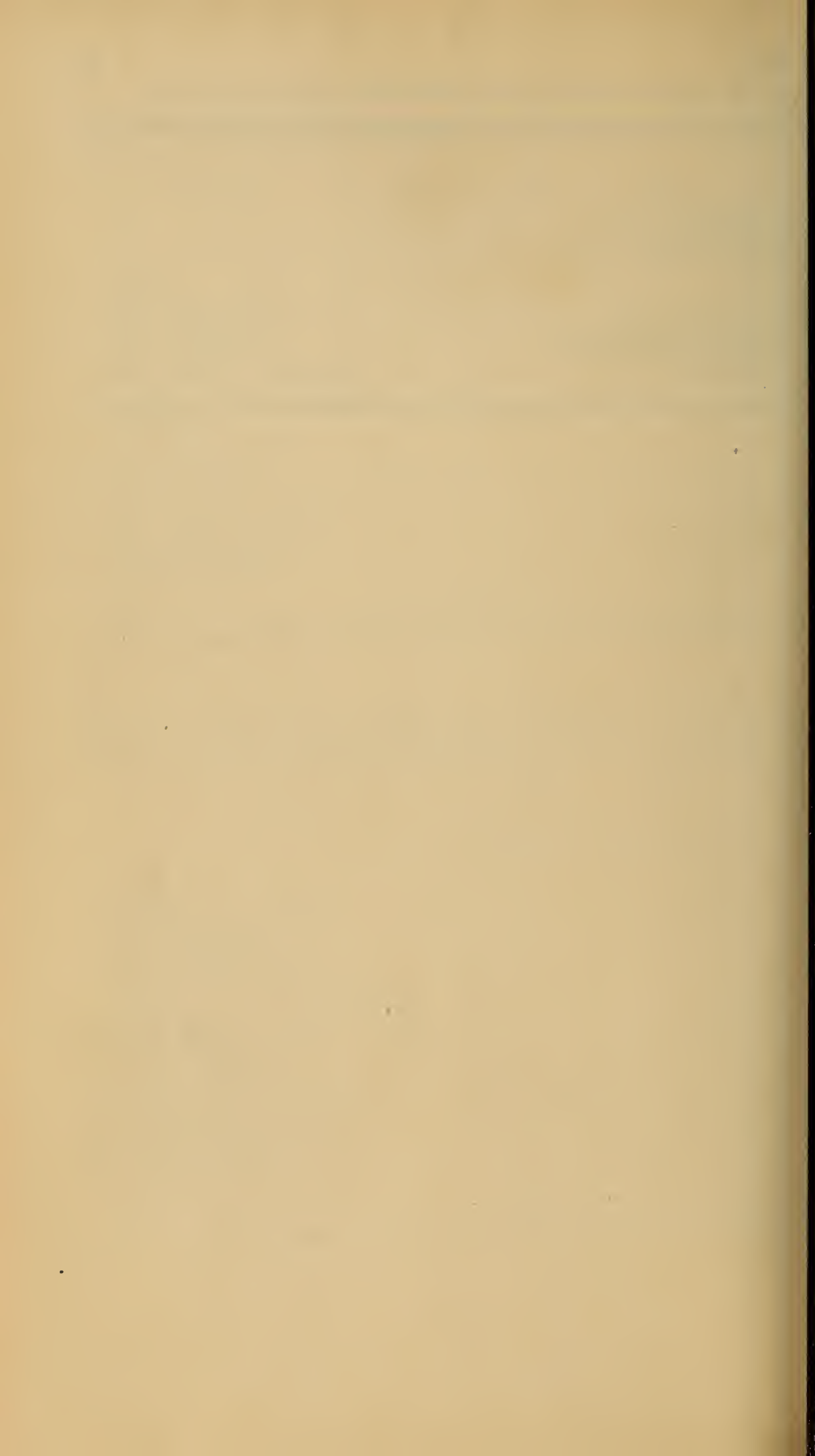
PSYCHOSES	8—12 MONTHS			1—2 YEARS			3—4 YEARS			5—9 YEARS		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	—	—	—	—	—	—	—	—	—	—	—	—
2. Senile	1	5	6	1	3	4	1	2	3	—	—	—
3. With cerebral arteriosclerosis	—	3	3	5	4	9	4	4	8	1	3	—
4. General paralysis	2	—	2	4	—	4	4	1	5	—	1	—
5. With cerebral syphilis	—	—	—	—	—	—	—	—	—	—	—	—
6. With Huntington's chorea	—	—	—	—	—	—	—	—	—	—	—	—
7. With brain tumor	—	—	—	—	—	—	—	—	—	—	—	—
8. With other brain or nervous diseases	1	—	1	—	—	—	1	—	1	—	—	—
9. Alcoholic	—	1	1	—	—	—	—	—	—	—	—	—
10. Due to drugs and other exogenous toxins	—	—	—	1	—	1	—	—	—	—	—	—
11. With pellagra	—	—	—	—	—	—	—	—	—	—	—	—
12. With other somatic diseases	—	—	—	—	—	—	—	—	—	—	—	—
13. Manic-depressive	—	—	—	—	1	1	—	—	—	1	—	—
14. Involution melancholia	1	—	1	—	—	—	—	—	—	—	—	—
15. Dementia praecox	1	—	1	—	—	—	2	—	2	—	—	5
16. Paranoia or paranoid conditions	—	—	—	—	—	—	—	1	1	—	—	—
17. Epileptic psychoses	—	—	—	1	—	1	—	—	—	1	1	—
18. Psychoneuroses and neuroses	—	—	—	—	—	—	—	—	—	—	—	—
19. With psychopathic personality	—	—	—	—	—	—	—	—	—	—	—	—
20. With mental deficiency	—	—	—	—	2	2	—	—	—	—	1	—
21. Undiagnosed psychoses	—	—	—	—	—	—	—	—	—	—	—	—
22. Without psychosis	—	—	—	—	—	—	—	—	—	—	—	—
Total	6	9	15	12	10	22	12	8	20	3	11	—

TABLE 18.—*Total Duration of Hospital Life of Patients dying in Hospital classified according to Principal Psychoses for the Year ending Sept. 30, 1926—Concluded*

PSYCHOSES	10—15 YEARS			15—19 YEARS			20 YEARS AND OVER	
	M.	F.	T.	M.	F.	T.	M.	F.
1. Traumatic	—	—	—	—	—	—	—	—
2. Senile	—	1	1	—	—	—	—	—
3. With cerebral arteriosclerosis	—	1	1	—	—	—	—	—
4. General paralysis	—	—	—	—	—	—	—	—
5. With cerebral syphilis	1	—	1	—	—	—	—	—
6. With Huntington's chorea	—	—	—	—	—	—	—	—
7. With brain tumor	—	—	—	—	—	—	—	—
8. With other brain or nervous diseases	—	—	—	—	—	—	—	—
9. Alcoholic	1	—	1	—	—	—	1	—
10. Due to drugs and other exogenous toxins	—	—	—	—	—	—	—	—
11. With pellagra	—	—	—	—	—	—	—	—
12. With other somatic diseases	—	—	—	—	—	—	—	—
13. Manic-depressive	—	—	—	1	—	1	—	—
14. Involution melancholia	—	—	—	—	—	—	—	—
15. Dementia praecox	—	2	2	3	1	4	4	2
16. Paranoia or paranoid conditions	—	—	—	—	—	—	—	1
17. Epileptic psychoses	—	—	—	—	—	—	—	—
18. Psychoneuroses and neuroses	—	—	—	—	—	—	—	—
19. With psychopathic personality	—	—	—	—	—	—	—	—
20. With mental deficiency	—	1	1	—	—	—	—	—
21. Undiagnosed psychoses	—	—	—	—	—	—	—	—
22. Without psychosis	—	—	—	—	—	—	—	—
Total	2	5	7	4	1	5	5	3

TABLE 19.—*Family Care Department for the year ending Sept. 30, 1926*

	M.	F.	T.
existing September 30, 1925.....	2	10	12
admitted within the year.....	—	4	4
total number of cases within the year.....	2	14	16
dismissed within the year.....	1	6	7
discharged.....	—	—	—
deceased.....	—	—	—
escaped.....	—	1	1
existing September 30, 1926.....	1	7	8
number of different persons within year.....	1	10	11
number of different persons admitted.....	—	4	4
number of different persons dismissed.....	1	7	8
average number.....	1.6730	9.0769	10.7499



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The Commonwealth of Massachusetts

ANNUAL REPORT

OF THE

TRUSTEES

OF THE

res.:
TAUNTON STATE HOSPITAL *(Incar)*

FOR THE

YEAR ENDING NOVEMBER 30, 1927

DEPARTMENT OF MENTAL DISEASES



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TAUNTON STATE HOSPITAL

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The Commonwealth of Massachusetts

TRUSTEES' REPORT

To His Excellency, the Governor and the Honorable Council:

The trustees of the Taunton State Hospital present herewith the seventy-fourth annual report, together with the Superintendent's report, financial report and statistical tables.

During the past year, two new members have been added to our Board. Samuel M. Stone of Attleboro, Mass., was appointed to fill the vacancy created by the death of Judge Brady, and Mrs. Mary B. Besse of Wareham, was appointed to fill the vacancy created by the retirement of Mrs. Margaret C. Smith of Taunton. Mrs. Smith has served on the Board since 1912. She was always faithful in the performance of her duties and her visits to the hospital were numerous. The following resolution was incorporated in the minutes of the meeting of the Board held on May 12, 1927:

It is the desire of the Trustees of the Taunton State Hospital to pay a deserved tribute to the devotion with which Mrs. Margaret C. Smith performed her duties as Trustee. First appointed by Governor Foss, Mrs. Smith served

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the many years since, with unabated interest. Living near the hospital, she was almost a daily visitor and she was a regular attendant not only at the meetings of the Taunton Board, but at the State sessions and Boston conferences.

She gave unlimited time and energy to the position and always the human side of the hospital problems were her chief concern and had her chief attention. Her service was valuable and it has been a privilege to know her and to serve with her.

At the close of her membership on the Board, it is fitting that her associates thus make a lasting record in honor of work well done through many years and of friendship which no term of office ends.

It is with a great deal of pleasure that we can announce the fact that we have been able to continue with our building program. The new industrial building, storehouse and bakery are practically complete and will be occupied early next year. This makes it possible to proceed to the next step in the program, namely, establishing the new kitchen, and dining room by the renovation of the existing building. It is hoped that an appropriation for this work will be made this year. The storehouse and bakery as well as the coal pocket and boiler room, have been connected by tunnels. Two new buildings have been added to the salvage yard group, leaving only two more to be completed. The Employees' Home will be ready for occupancy before April 1, of the coming year. It will furnish quarters for twelve married couples, and will aid us greatly in our housing problems. The Board is much interested in the continuance of the building program and strongly urges that the following appropriations which have been requested for the coming year, be granted:

1. Completion of Storehouse.
2. Completion of the Renovation of the Rear Center Building.
3. Superintendent's House.
4. Purchase of Land in Town of Raynham.
5. Root Cellar.
6. Bridge, Sidewalk and Road at Bay Street Entrance.
7. Purchase of Certain Properties on Albion Avenue.

The Board also urges the continuance of the fire protection program, namely—installation of fire-proof floors, fire walls, sprinklers, etc. Appropriations in the past year, permitted the accomplishment of very little work along these lines. It is hoped that items related to this program to be found in repairs and renewals elsewhere, will be given careful consideration. A special appropriation similar to the one granted in 1925 would aid greatly.

If sufficient money is appropriated during the coming year, to complete the renovation of the service section, it will be possible to start in 1929 on the new construction outlined in our last year's report. As it is believed that we should proceed with our plans as fast as possible, it is hoped that we will be able to carry out the kitchen, dining room and chapel program next year.

One of the greatest needs of the hospital, is an admission building for the care of new cases. At the present time, our building does not permit of proper classification. For this reason, this building should be constructed within the very near future. It is also quite necessary that we take steps toward relieving the crowding which is at the present time, reaching a critical point. This can only be done by means of new construction, or decreasing the quota which has been assigned to us. A plan showing the probable location of the projected buildings, etc., has been prepared by our landscape engineer and some work on the detailed plans of the buildings has been accomplished.

We also wish to call attention to the necessity of large appropriations under the heading of Repairs Ordinary, because of the age and condition of many of our buildings.

We announce with a great deal of pleasure that the hospital was visited during the year by the following members of the Committee on Public Institution Representatives Carmen, Woolfenden, Johnston, O'Connor, Sparrell, Pehrson Barnes, by George M. Kline, M. D., Commissioner of the Department of Mental Diseases, Mr. Carl Raymond, Budget Commissioner, and by Hon. Ralph C. Estes of Attleboro.

During the past year the average attendance at the Board Meetings has been five. Aside from this, members made twenty visits to the hospital.

In conclusion, the Board wishes to express its appreciation for the splendid support we have had during the past year, to yourself as well as the members of your Council, members of the General Court, and to the Department of Mental Diseases.

ARTHUR B. REED, *Chairman*,
 JULIUS BERKOWITZ, CHARLES C. CAIN, JR.,
 MARY B. BESSE, SAMUEL M. STONE,
 ELIZABETH C. M. GIFFORD, ASA A. MILLS.

SUPERINTENDENT'S REPORT

To the Trustees of the Taunton State Hospital:

The seventy-fourth annual report of the Superintendent of the Taunton State Hospital, for the fiscal year ending November 30, 1927, is respectfully submitted for your consideration.

The statistical tables relative to patients, cover the period beginning October 1926, and ending September 30, 1927.

MOVEMENT OF POPULATION

On September 30, 1926, the hospital census was as follows: In the hospital 694 men and 771 women, a total of 1465. In family care, 1 man, 7 women, total 8. On visit and escape, 82 men and 80 women, total, 162, making a grand total of 1635 including 777 men and 858 women on the books of the hospital at that time. During the year ending September 30, 1927, 410 patients were received. Of this number, 166 men and 160 women, a total of 326, were classed as first admissions; 30 men and 44 women, a total of 74, came as re-admissions; and 11 men and 3 women, a total of 10, were transferred to this hospital from other hospitals.

Patients, 409 in number, including 219 men and 190 women, were discharged during the same period. Of this number, 102 men and 95 women, a total of 197, were returned to the community; 87 men and 69 women, a total of 156, died; 30 men and 26 women, a total of 56, were transferred to other institutions.

The census on September 30, 1927, was as follows: In the hospital, 688 men and 777 women, a total of 1465. In family care, 1 man and 7 women, a total of 8. On visit and escape, 72 men and 91 women, a total of 163, making a grand total of 1636 including 761 men and 875 women on the books of the hospital. The total number of cases under treatment during the year, was 2045 (980 men and 1065 women). The average daily number for the year was 779.0801 men and 873.3610 women, a total of 1652.4411. Of this, 697.8686 men and 773.8255 women, a total of 1471.6941 were in the hospital, 1.0000 men and 7.9019 women, a total of 8.9019 were in family care and 79.2115 men and 91.6346 women, a total of 170.8461 were on visit and escape.

Of the 326 first admissions, only 287 were actually committed to the hospital, the remaining 35 being under temporary care and 4 under voluntary. Of the re-admissions, only 64 were committed, the remaining 10 being under temporary care.

FIRST ADMISSIONS

Nativity. Of the 287 committed first admissions, 82 men and 83 women

total of 165, were born in the United States and 59 men and 63 women, a total of 22, were born in other countries, the percentage of native born being 57.49% and foreign born, 42.51%.

Citizenship. Of the 287 committed first admissions, 165 or 57.49% were citizens by birth, 29 or 10.10% were citizens by naturalization and 93 or 32.41% were aliens.

Mental Diagnosis. The different forms of mental disease shown by the first admissions, were as follows: dementia praecox, 78 or 27.19%; psychoses with cerebral arteriosclerosis, 50 or 17.42%; manic depressive, 8 or 2.79%; senile psychoses, 19 or 6.62%; alcoholic psychoses, 20 or 6.94%; general paralysis, 26 or 9.06%; involution melancholia, 19 or 6.62%; psychoses with mental deficiency, 1 or 1.05%; psychoses with other somatic diseases, 6 or 2.08%; undiagnosed psychoses, 32 or 11.16%; psychoses with other brain or nervous disease, 6 or 2.08%; psycho-neuroses and neuroses, 4 or 1.40%; epileptic psychoses, 6 or 2.10%; psychoses with psychopathic personality, 1 or .35%; traumatic psychoses, 1 or .35%; paranoia and paranoid condition, 7 or 2.44%; without psychoses, 1 or .35%.

For further information concerning psychoses of first admissions, see statistical tables.

Age. Of the 287 committed first admissions, 80 or 27.88% were over 60 years of age; 100 or 34.84% were between 40 and 60, the involution period; 100 or 34.84% were between 20 and 40; and 7 or 2.44% were under 20.

Education. Of the 287 committed first admissions, 34 or 11.85% were illiterate; 10 or 16.41% could read and write; 173 or 60.28% had a common school education; 26 or 9.03%, a high school education; 5 or 1.74%, a college education; and 1 or .69% were unascertained.

Environment. Of the 287 committed first admissions, 266 or 92.68% were classed as urban, and 21 or 7.32% as rural.

RE-ADMISSIONS

Of the 64 patients re-admitted, the diagnoses were as follows: dementia praecox 10 or 32.81%; manic depressive 10 or 15.62%; undiagnosed psychoses, 8 or 12.50%; alcoholic psychoses, 6 or 9.38%; without psychosis and psychosis with cerebral arteriosclerosis, 4 or 6.25%; psychosis with mental deficiency, psycho-neurosis and neurosis, epileptic psychosis, paranoia and paranoid conditions, each 1 or 3.12%; involution melancholia, general paralysis, senile psychoses, each 1 or 1.57%.

DISCHARGES

Only 158 of the 197 patients discharged were committed to the hospital. The remaining 39 patients were under temporary care and voluntary. The condition of the 158 discharged during the year, was as follows: recovered, 44 or 27.85%; improved, 97 or 61.40%; unimproved, 12 or 17.59%; and not insane, 5 or 3.16%.

DEATHS

The death rate for the year, figured on the total number under treatment, was 1%.

Only 152 of the 156 patients dying during the year were committed; the remaining 4 were under temporary care. The causes of death were as follows: arteriosclerosis, 59 or 38.81%; general paralysis of the insane, 26 or 17.11%; tuberculosis of the respiratory system, 15 or 9.87%; endocarditis, myocarditis, broncho-pneumonia, each 14 or 9.21%; other causes, 24 or 15.79%.

Of those who died, 85 or 55.92% were over 60; 45 or 29.60% were from 40 to 60 and 22 or 14.48% were from 20 to 40.

Our record shows that at the close of the year, there were 11 ex-service men in care.

MEDICAL SERVICE

There has been improvement in the medical care of our patients during the past year despite the fact that we have been without the services of an Assistant Superintendent. The physicians deserve a great deal of credit for the manner in which they have conducted their respective services. The plan of organization described in last year's report has been continued. Staff meetings have been held daily and all newly admitted cases have been considered from standpoints of diagnosis and treatment. On many occasions it has been necessary to hold an additional meeting in the evening, to consider patients for release on visit.

Members of the visiting staff have performed their duties faithfully. We find that the plan is working out very well and the surgical and medical work at the hospital has been greatly improved by it. The hospital has been quite free from acute diseases during the past year, and we have had only a few cases of a contagious nature.

Dr. Richard P. MacKnight, the district representative of the Department of Public Health, has continued to be of great help to us. He not only comes when he is called, but often visits the hospital of his own accord.

During the year, the following members of our staff left the employ of the institution: Drs. Smith and Loignon.

Drs. Costa and Hennessy have joined our staff during the past year.

SOCIAL SERVICE

The personnel of this department has been increased by one social worker and one student worker during the past year. All of these positions are now filled. With this personnel, we have been able to accomplish practically all of the work which we have been called upon to perform in the community. Patients on trial visits have been better supervised, more case histories have been obtained and more cases have been examined in the out-patient department than last year, and the department is without question, progressing in the right direction.

The hospital is being called upon more and more by the community and it is hoped that this favorable state of affairs will continue, as I believe that community work is without question, one of the most important functions of the state hospital.

The following is a report of the work accomplished:

SOCIAL SERVICE MONTHLY STATISTICS

December 1, 1926 to December 1, 1927

I. NUMERICAL SUMMARY OF CASES:

	HOSPITAL CASES				COMMUNITY CASES				TOTALS		
	HOUSE PATIENTS		OUT PATIENTS		CLINIC CASES		OTHERS				
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
1. New Cases	88	65	64	94	43	53	-	-	195	212	407
2. Renewed cases from previous years	-	4	1	2	7	3	-	-	8	9	17
3. Renewed cases within the year	-	4	2	12	-	-	-	-	2	16	18
4. Continued cases from previous year	52	45	77	77	30	32	-	-	159	154	313
5. Cases closed during year	62	58	89	92	4	8	-	-	155	158	313
6. Cases continued to following year	78	60	58	93	76	80	-	-	212	233	445

This does not include hospital patients attending community clinics.

II. SOURCES OF NEW CASES:

1. No. Cases referred by Physicians, 295
2. No. Cases referred by Community Agencies, 99
3. No. Cases referred by Friends or Relatives, 5

4. No. Cases referred by Initiative of Patients, 2

5. No. Cases selected by Social Service,

II. ANALYSIS OF WORK

1. Purposes for which cases were referred:

(a) Histories of Patients { Taken at Hospital,
Taken outside Hospital, 118

(b) Investigation { Conduct Disorders, 28
Employment Situations, 2
Home Conditions, 28
Statements of Patients, 36
Statements of Others, 38

(c) Supervision { In Home, 563
In Industry, 43
In Community, 18

(d) Care of Patient's Families, 12

(e) Personal Services, 40 (f) Placement, 2

2. Problems:

(a) Disease { Mental, 530
Physical, 72

(b) Sex Problems { Prostitution, 2
Promiscuity, 2
Wayward Tendencies, 25

(c) Environment:

1. Financial Difficulties, 60
2. Employment Difficulties, 60
3. Unsuitable surroundings, 14
4. Friction { Family, 51
Others, 7
5. Marital Difficulties, 26

ANALYSIS OF WORK — Concluded:

(d) Personality Problems:

1. Temperament, 47
2. Anti-social Habits, 40
3. Vacillating Interests, 9

(e) Educational Problems:

1. Readjustment Habits of Mind, 20
2. Recreation; Church; Social Relationships, 34

(f) Legal Problems:

1. Concerning property or support, 2
2. Resulting from conduct of patient, 1
3. Resulting from conduct of others,

(g) General Problems,

SERVICE RENDERED:

1. Medical:

- (a) Contribution of information re: Medical History, 136
- (b) Contribution of information re: Home Conditions, 504
- (c) Contribution of information re: Condition of Out-Patients, 490
- (d) Arrangements for Medical Assistance,

2. Social:

(a) Adjustments for Patients { Environment, 2
Personal Relations, 10

(b) Adjustments for Patients in Industry, 1

(c) Adjustments for Patients in Recreation,

(d) Advice { To Relatives, 294
To Patients, 314
To Others, 26

- (e) Connecting with Agencies, 252; with Individuals, 690
- (f) Family Assistance { Legal,
Financial,
Miscellaneous,
- (g) Arrangements for further study or training,
- (h) Personal Services:
- Placement Work { Home, 5
Industry,
Miscellaneous, 141

V. SUPERVISION WORK:

- 1. No. Patients on visit last day previous year, 144
- No. Patients discharged from visit during month,

- Visits { To Patients on ward, 197
To Patients on visit, 524
To Relatives or Friends, 335
To Social Agencies, 110
To Others, 22

No. Patients in care of Other Agencies,

2. Family Care Patients:

- (a) No. Patients visited, 62
- (b) No. Patients placed,
- (c) No. Patients replaced, 1
- (d) No. Patients returned, 2
- (e) No. Patients discharged, 1
- (f) No. Boarding Homes investigated,

(9 Christmas Boxes. Clothing ordered and delivered.)

VI. CLINIC WORK:

- 1. Hospital Clinics { No. clinics attended, 50
No. interviews with Patients, 246
No. interviews with Relatives, 149
No. social cases selected,
- 2. School Clinics { No. attended, 12
No. Histories, 47
No. Psychological Tests, 12
Miscellaneous Work,
School Tests, 53
Contacts with Superintendents, 51
With Teachers, 54
With School Nurses, 12

(Arrangements for 16 Clinics.)

VI. CLINIC WORK — *Concluded*:

- 3. Community Clinics { No. attended, 75
No. interviews with Patients, 176
No. interviews with Others, 205
No. cases selected,
No. cases referred to local agencies,

VII. MISCELLANEOUS:

- 1. Amount of Expense Account { School or Community Clinic Work, \$13.15
Hospital Work, \$460.85
- 2. Account of Time { No. days in Hospital, 407½
No. days outside Hospital, 425½
No. days spent in School Clinic Work, 36
No. days spent in Community Clinic Work, 39

SPECIAL FEATURES:

Lectures:

Papers, 5:

Special Studies:

Conferences attended:

Visits to Other Institutions, 2:

LECTURES: 18 Psychology and 8 Social Service to Student Nurses; 1 Talk to New Bedford Nurses.

CONFERENCES: Daily Hospital Conferences; Monthly State House Conferences; 6 Saturday Morning Conferences at State House; 6 Meetings of Round Table for Psychiatric Social Workers; State Conference for Social Workers at Wellesley College.

SPECIAL STUDIES: Comparison of Intelligence Rating of Student Nurses and Stenographers; Budgeting; Four Articles on Mental Hygiene studied and discussed: Study of 40 New Bedford Clinic Cases.

OUT-PATIENT DEPARTMENT

Work in this department has increased greatly during the past year. A new clinic was established at Attleboro, where quarters were furnished by the Sturdy Memorial Hospital. All those coming in contact with the new clinic have been very co-operative. The New Bedford and Taunton clinics have been continued. Cases from Fall River and other cities, have been examined at the Taunton clinic.

The school work has increased greatly. We are now making examinations in practically all of the towns in our district and it is hoped that by the end of next year, no towns will be without supervision.

A summary of the work accomplished, follows:

Mental Clinics

Source of Cases

(a) Children's Aid Society.....	23
(b) Family Welfare Society (New Bedford).....	11
(c) Family Welfare Society (Attleboro).....	18
(d) Department of Public Welfare (Attleboro).....	2
(e) Society for Prevention of Cruelty to Children.....	8
(f) Catholic Welfare Bureau.....	2
(g) International Institute.....	4
(h) Self or Immediate Family.....	0
(i) Taunton State Hospital.....	223
(j) Private Physicians.....	1
(k) Instructive Association.....	4
(l) Other Sources.....	20

1. New Bedford:

(a) New Cases:	(b) Total Visits:
Male..... 30	Male..... 188
Female..... 42	Female..... 177
Total..... 72	Total..... 365

2. Fall River: (Clinic temporarily closed)

3. House Cases:

(a) New Cases:	(b) Total Visits:
Male..... 1	Male..... 1
Female..... 1	Female..... 1
Total..... 2	Total..... 2

4. Taunton:

(a) New Cases:	(b) Total Visits:
Male..... 1	Male..... 1
Female..... 3	Female..... 3
Total..... 4	Total..... 4

5. Attleboro:

(a) New Cases:

Male	9
Female	7

(b) Total Visits:

Male	11
Female	9

Total	16	Total	20
Male cases seen (new)	40		
Female cases seen (new)	52		
Total new cases	92		

Male visits to clinic	201
Female visits to clinic	190

Total visits to clinic	391
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School Clinics

Number of new cases referred — complete	238
Number of new cases referred — incomplete	28
Number of cases re-examined	32

Total	298
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The following districts were visited during this period, arrangements having been made between the school superintendents and the hospital: So. Hanson, Middleboro, Easton, Seekonk, Rehoboth, Mattapoisett, Wareham, Marion, Carver, Whitman, Hanover, Norwell and Rockland.

OPERATING ROOM

During the past year, the Operating Room has been furnished with a new operating table and a large number of instruments. It can now be considered well equipped. The surgical dressing rooms mentioned in our last report, have been fully equipped and are now being used regularly. This has resulted in the surgical dressing and pus work being done there. Practically all of the necessary surgical work for both patients and employees has been carried out at the hospital by our resident and visiting staffs. Anti-syphilitic treatments have been continued, potassium iodide, mercury and arsphenamine, being used. Several cases of General Paralysis were given "malarial treatment." The results of these treatments are rather encouraging, but the number was too small to enable us to draw any conclusion as to the value.

All patients and all employees who have not been inoculated against typhoid during the past 3 years, were re-inoculated as well as all new patients and new employees.

The following gives the detail of the work performed during the year:

Operations, 716: Appendectomy, 3; Herniotomy, 1; Hysterectomy, 1; Tonsillectomy and adenectomy, 4; Tonsillectomy, 1; Amputation of fallopian tubes, 1; Excision of uterine polypus and curettage, 2; Repair of cervix and laparotomy, 1; Dilation and curettage, 1; Amputation of finger, 1; Removal of needle from foot, 1; Excision of cyst, 1; Excision of carbuncle, 2; Teeth extractions with general anaesthesia, 15; Lumbar punctures, 73; Wassermanns, 471; Boils incised, 93; Infections incised, 27; Fractures reduced, 2; Cuts sutured, 15.

Surgical Dressings, 2551.

Examinations (Pelvic), 137.

Inoculations, 646.

Treatments, 1314: Salvarsan, 252; Mercury, 1062.

DENTAL DEPARTMENT

The work of this department has continued without interruption during the

year. It was carried on by the dental interne during the vacation of the resident dentist. The number of patients with dental work to be accomplished is greatly decreasing, and it will be noted in the following tabulation that it is now less than 4%. A dental hygienist was employed for a few months and the result was a great increase in the number of cleanings. Practice in examining all new patients at the time of admission and all patients in the hospital at least once a year was continued; and because of this, the following figures can be considered accurate:

Bridgework: preparation for, 1; removed, 14. *Crowns:* davis set, 3; gold removed, 1. *Cleaned and scaled,* 1319; *examined and charted,* 1293; *extractions,* 1485. *Fillings:* amalgam, 705; cement, 2; gold, 1; root canal, 13; synthetic, 9; temporary, 3; kryptex, 97; zinc oxide and eugenol, 252. *Inlays:* preparations for, 3; set, 3; reset, 1. *Plates:* impression, bite, shade, 52; made, 16; adjusted, 89; repaired, 40; cleaned, 312. *Treatments:* arsenic fibre, 3; curay, 5; formo-creosol, 7; gums, 147; post-operative, 131; pulp removed, 7; root canal, 14; tooth treated, 5.

Fraction appliance made.....	1
Fracture wired.....	4
X-rays taken.....	309
Patients with work completed.....	2104
Number of visits.....	4109
Number of operations.....	6347
Average operation per patient.....	5.78
Number of patients treated for first time.....	212
Number of extractions and fillings on new patients.....	625-544
Percentage of patients with work completed.....	91.93
Percentage of patients unable to receive attention.....	4.93
Percentage of patients with work to be done.....	3.10
Percentage of new admissions needing dental attention.....	57.04
Number of patients receiving dental attention other than examination...	73.79
Number of patients needing no dental attention.....	1368
Patients wearing plates.....	293
Number of sets of false teeth.....	392
Patients wearing crown and bridgework.....	323
Number of bridges, crowns and pivots.....	672
Number of artificial appliances.....	1064

X-RAY DEPARTMENT

The work in this department continues to increase. Our equipment is far from complete and our quarters are not suitable. Despite this fact, we have been able to accomplish the work requested, in a satisfactory manner. The following is a statement of the work done:

Hand, 21; wrist, 14; elbow, 3; arm, 1; shoulder, 8; foot, 16; ankle, 14; knee, 1; leg, 4; hip, 11; pelvis, 6; spine, 12; R. U. V., 7; gall bladder, 8; chest, 56; stomach, 2; gastro intestinal, 6; accessory sinuses, 15; head, 18; lower jaw, 3; ribs, 1; colon ba. enema, 2; foreign body, 11; sternum, 1; clavicle, 2; nose, 4; os penis, 1; teeth, 309. *Total,* 577.

PHYSIOTHERAPY DEPARTMENT

Recently, an Alpine Sun Lamp has been installed and ultra-violet treatments have been instituted on a number of patients, including those suffering from pulmonary tuberculosis.

Efforts are being made to form a physiotherapy department and with the addition of a diathermy machine, infra-red lamp, sinusoidal wave machine and other, we should be able to provide suitable treatments in this field, for the cases referred by the Medical Staff. A volume, "Practice of Physiotherapy" by Sampon has been added to the library, and treatments are in progress daily.

HYDROTHERAPY

This department now has in operation, 7 continuous baths, 2 pack rooms and a completely equipped hydriatic room on both the male and female services. Some difficulty has been experienced during the past year, because of sickness and lack of personnel. These conditions have been remedied however, and the department is now progressing without interruption.

The benefit of hydrotherapeutic treatment is being emphasized more and more as the years go by. It is without doubt one of the most valuable aids the medical service has. It is greatly appreciated by the patients who are in condition to understand why it is being used and many favorable comments have been received from them during the past year.

Dr. Rebekah Wright, Hydrotherapeutist of the Massachusetts Department of Mental Diseases, rendered very valuable service during the past year by arranging to visit us at a time when we were most in need of assistance, and by remaining until those new in the service, were able to carry on their work properly.

The following treatments were given:

Tonic Baths

	M.	F.	T.
Salt Glows.....	753	832	1585
Wet Sheet Packs as Preparatory Treatment.....	27	109	136
Foot Baths.....	2304	2165	4469
Hot and Cold to Spine.....	803	822	1625
Fomentations to the Spine.....	0	44	44
Fomentations to the Liver.....	0	56	56
Fomentations to the Back.....	24	0	24
Sitz Baths.....	244	331	575
Wet Mitten Frictions.....	84	389	473
Swedish Shampoos.....	756	928	1684
Hair Shampoos.....	756	928	1684
Tub Shampoos.....	6	0	6
Electric Light Baths.....	34	89	123
Dripping Sheet Rubs.....	1	0	1
Needle Sprays.....	3783	4554	8337
Fan Douches.....	3745	4298	8043
Jet Douches.....	126	20	146
Rain Douches.....	7	0	7

Continuous Baths

<i>No. of Patients</i>		<i>No. of Baths</i>		<i>No. of Hours</i>	
Male.....	149	Male.....	2547	Male.....	17,992 1/2
Female.....	165	Female.....	2336	Female....	15,740 1/2
Total.....		Total.....	4883	Total....	33,732 3/4

Wet Sheet Packs

<i>No. of Patients</i>		<i>No. of Packs</i>		<i>No. of Hours</i>	
Male.....	338	Male.....	8736	Male.....	25,316 1/2
Female.....	288	Female.....	12,602	Female....	36,148 1/2
Total.....		Total.....	21,338	Total....	61,464 3/4

OCCUPATIONAL THERAPY

The statistics of this department are shown in the table which follows this report. Classes were held mornings and afternoons in the Occupational Therapy Room while five other classes were held during the same hours on the wards. The department moved into its new quarters in the Industrial Building, the latter part

of March, and now has a large sunny classroom in which forty patients can be accommodated. A new aide was assigned to the department in January; at the same time, a class was opened at Lovering Colony, taking in the non-working patients. In October, a class was started at Borden Colony. At the hospital, classes have been held on the wards four times a week instead of twice. Berry and vegetable picking was done from July to October by patients from the disturbed ward, supervised by the Occupational Therapy workers.

The orchestra, composed of five pieces, three employees and two patients, has done good work throughout the year, playing for the patients weekly dances and moving pictures and also furnishing the music at several luncheons held in the chapel.

During the past year, all recreational activities both for patients and employees, have been directed by this department. Dances were held at Christmas, on St. Valentine's Day, April 19 and Hallowe'en. The Fourth of July and Labor Day were celebrated by holding a field day for the patients on the hospital grounds; entertainment was thereby afforded for over 1000 patients. Dancing on the lawn was enjoyed and a picnic supper was served. In this way, contact is made with patients who would never be reached otherwise. From February to June, our classes were somewhat handicapped owing to sickness among the aides.

The scope of the work is growing and it is hoped that a greater number of patients may be reached during the coming year.

There were on duty, 1 director, 5 aides, and 1 musical director.

The total number of cases under treatment during year was 396. Under treatment in Occupational Therapy at beginning of year, 191; admissions during year, 29; cases not previously treated, 155; previously treated cases read, 174; number transferred, 189; number discontinued, 102; number discharged, 22; number died, 2; remaining under treatment at the end of year, 205.

The following articles have been produced during the year, all of which have been used in the hospital:

Five braided rugs; 8 hooked rugs; 37 braid weave rugs; 139 woven rugs; 56 woven trackers; 1022 embroidered table runners; 58 embroidered pillow tops; 45 embroidered centerpieces (36-inch with crocheted edges); 6 18-inch embroidered centerpieces; 3 15-inch embroidered centerpieces; 17 reed waste baskets; 2 reed hand-painted sandwich trays; 2 reed ferneries; 61 reed jardinieres; 5 crockery jardinieres; 9 reed hanging baskets; 1 reed desk basket; 3 reed sewing baskets; 3 reed pin trays; 54 picture puzzles; 1503½ yds. spool knitting; 4 prs. knitted mittens; 4¼ lbs. rug material prepared (strips); 239 lbs. burlap; 66 yds. cocoanut fibre matted; 39 cretonne pillows; 6 covers for pillows; 41 doilies with crocheted edges; 8½ yds. crocheted edging; 740 runners hemmed; 6 woven runners; 1 embroidered; 1 hemstitched piano cover; 1 5-piece bridge set (Italian hemstitched); 1 linen tray with hemstitched; 4 tan linen runners hemstitched; 4 tan Indianhead runners hemstitched; 1 square centerpiece embroidered and hemstitched; 2 prs. hand-painted book-ends; 10 wooden boxes; 4 patchwork quilts; 9 patchwork covers cut and sewed; 22 warps for looms; 13 frames warped; 12 face cloths; 6 turkish towels with crocheted edges; 10 sachet bags; 2250 Christmas Programs folded and stamped; 10 Valentine favors; all reed articles stained and shellaced; 1087 qts. currants packed; 971 qts. gooseberries picked; 4160 lbs. peas; 16,366 lbs. beans.

(Lovering Colony): 6 braid weave rugs; 10¾ yds. trackers; 25 lbs. rug material; 10 table covers hemstitched; 2 prs. curtains hemstitched; 17 doilies, 51 puff covers. In addition to the articles produced by the patients; the following have been made in the department: 25 posters; 2 drums for chandeliers; 25 building permits framed; 2 pictures framed; 1 set of pictures mounted and framed; 3 pictures passe mounted; chapel and center decorated for Christmas; chapel for Valentine; April and Hallowe'en dances; 278 prs. curtains; 283 valances; 306 tie-backs.

The following equipment was added to the department during the year: 1 claw

hammer; 1 saw; 1 oil stove; 1 step ladder; 1 set numeral stencils; 10 prs. curtain and valances; 1 pr. sash curtains; 1 folding screen; 1 steel locker; 2 rug frames; 5 rubber trackers; 1 mirror; 1 soap dish; 1 steamboat whistle; 1 baby cry; 1 duck quack; 1 wind whistle; 6 music stands.

TRAINING SCHOOL FOR NURSES

The training school has continued its work without interruption during the past year. The number of students is not yet large, but seems to be increasing. A class of five was graduated on October 15, 1927, and all of these have passed the State Board Examinations. We now have five students and eight preliminary students.

The graduation exercises were held on October 15, 1927. The address of the evening was delivered by C. Macfie Campbell, M. D., Medical Director of the Boston Psychopathic Hospital, and Professor of Psychiatry at Harvard University. After the formal exercises, a reception for the graduates was held, and this was followed by dancing.

Trained nurses are invaluable in the care of the mentally ill and it is hoped that the classes will continue to increase in number as there still is a deficiency in the number of nurses who have been trained along this line.

PATHOLOGICAL LABORATORY

The work in this department has been greatly increased during the past year. This increase to a large degree has been due to the employment of a well-trained technician. The clinical duties of the laboratory are being performed promptly and efficiently. The equipment is complete and almost any clinical procedure can be performed. The number of autopsies has increased. Much tissue work has been done and a number of interesting specimens have been added to our museum. It would seem that a good foundation has now been established and we hope to venture into the field of research sometime during the coming year.

The following gives the detail of the work performed during the year: urinalyses, 1630; spinal fluids, 92; blood sugars, 11; non-protein nitrogen, 21; urea 3; urea nitrogen, 3; creatinin, 4; white blood counts, 479; complete blood counts 194; smears, 151; cultures, 40; sputa, 39; feces, 41; metabolism tests, 12; stomach content, 2; quantitative albumen, 5; quantitative sugar, 46; acetone, 10; diacetic acid, 4; Von Pirquet tests, 22; renal function tests, 14; diazo reaction 12; autopsies, 63 (40 men and 23 women).

RELIGIOUS SERVICES

The regular Sunday services at the main group have been conducted regularly during the year, the Catholic clergymen officiating in the morning and the Protestant in the afternoon, with special services at each of the colonies. The various clergymen have made numerous visits to the hospital and have always been found willing to administer help in every way possible.

ENTERTAINMENT

Besides the entertainments furnished the patients by the hospital, as outlined in the Occupational Therapy Department report, there have been several given by other interested parties.

Through the courtesy of the Welfare Department of the Knights of Columbus on January 12 the patients enjoyed an evening of music and singing by trained entertainers. Shortly after, the David F. Adams Post, No. 611, Veterans of Foreign Wars Auxiliary of Taunton, gave an entertainment assisted by the Miles-Norton Orchestra. Others were given on March 3, by the Davis Studio Orchestra, on March 9, by the American Legion Auxiliary and on April 7, by the Wrentham State School. All of these were thoroughly enjoyed by the patients and employees present.

The ex-service men have been visited regularly, as mentioned in last year's

report, by the Taunton and Fall River Posts of the American Legion, the Knights of Columbus, the David F. Adams Post No. 611 Veterans of Foreign Wars, and by the Veterans of the Spanish War.

The following people contributed to the annual Christmas Contributions: S. M. Stone, Mary B. Besse, Elizabeth C. M. Gifford, Mrs. Rogers, Mr. and Mrs. H. M. Lane, John B. Croteau, Charles A. Davis, Thomas Gardner, Mrs. Charles N. Cook, Mrs. Walter Doyle, Mrs. H. E. Waterman, Grace Waterman, Martin J. Brown, John F. Kerrigan, Sarah Ward, Harvey C. Sampson, Jennie G. Blackmer, George H. Pierce, Lucy J. Bullock, W. H. Healey, John H. Ward, Frank Schmid, Edward Diskin, R. E. Drake, Alexina Banville, Dora Levy.

LIBRARY

During the past year, 457 volumes have been discarded. The majority of these were duplicate volumes of Harper's and the Century Magazine, running in some cases, up to 8 copies of 1 volume, and many in very bad condition. The remainder were books not fitted for a hospital library. By purchase and gift, 395 books have been added. A large percentage of the books purchased have greatly enriched the library in fields in which it is greatly in arrears, namely—recent standard books of biography, travel and fiction. Much still remains however, to be done along these lines.

The plan for book circulation outlined in last year's report has been very successful, and at the present time the average is 100 volumes per week, patients and employees. A reading room and facilities to increase the reading among the patients at Borden Colony is being planned, and a start has been made in getting the library classified on the A. L. A. system.

Through the efforts of the trustees of the hospital, it has been possible to obtain subscriptions for 27 newspapers from the surrounding cities and towns, and relatives and friends are urged to subscribe to local newspapers for the use of patients, it is extremely desirable to increase the amount of current reading.

We are indebted to the persons whose names are mentioned below for the donation of books and magazines: Mrs. C. H. Robertson, Mr. J. P. Taylor, Mrs. McCormack, Dr. W. F. Wyatt, Mr. Charles Dinsmore, Mr. McCormack, Florence Howe, R. N.; Mrs. Zilpha Chace, Rev. Maurice E. Barrett, Mrs. Charles MacDonald, Miss Bliss, Brownell and Burt, Mrs. Elizabeth C. M. Gifford, Mr. Harry O'Neil, Mr. John Perreira, Mrs. Smith, Mr. L. E. Bassett, Mr. T. J. Gady, Mr. Francis, Mrs. Mary B. Besse, Scofield's Market, Mrs. James O'Neil, Mrs. P. C. Lincoln, Mrs. Berube, Mr. Morse, Mr. Richard Smerdon, Mrs. Burke, Mrs. Cole, Miss Edith Curtis, Mrs. Allyn, Mrs. James A. Clare, Miss Priscilla Padhurst, Mrs. Sarah Hathaway, Mrs. Nelson, Dr. Frank Hubbard, Mrs. George Howard, Mrs. Thompson, Mr. M. W. Wright, Mr. J. F. Kinschild, Mr. Frank Wilbur, Mrs. William H. Reed, Mr. Herbert Woodard, Mr. Robinson, Mr. Charles Harvey, Mrs. Charles Simmons, Miss Grace Potter, Mrs. Callahan, Mr. T. M. Smith, Mr. E. Russell Davol, Mrs. Joseph Rose, Miss Mary Dineen, Mrs. Chase, Mrs. Joseph Lincoln, Mr. Albert Jones, Miss Nellie O'Hearne, Mrs. Edward Tetreault, Miss F. Francis, Mr. A. Shawcross.

FARM

The past year has been a very difficult one on the farm. Much of our land is sand and as the season was wet, our losses were great. The land upon which our cabbages were planted, was submerged for several days and our crop entirely destroyed. Potatoes rotted in the ground and we had less than one-third of our crop. The vegetables which could be harvested and used early in the season did fairly well. Pork production remained about the same as last year. Our production per cow, shows but slight increase; this has been due in part, to the fact that several heifers have been added to the herd. Our cattle have been tested for tuberculosis and found free from that disease. It was very difficult to

keep our hogs in a sanitary condition during the summer, because of the excessive moisture in the ground upon which they were kept.

More than 8000 qts. of strawberries were produced and we hope that next year the peach orchard, which we have been adding to each year, will begin to produce.

The following is a detail of the farm production:

Milk, 627,825 lbs.; asparagus, 3322 lbs.; shell beans, 795 lbs.; beet greens, 80 lbs.; carrots, 21,627 lbs.; celery, 2242 lbs.; sweet corn, 13,828 lbs.; lettuce, 80 lbs.; parsley, 1¼ lbs.; green peas, 4670 lbs.; potatoes, 73,766 lbs.; radishes, 378 lbs.; spinach, 2130 lbs.; winter squash, 36,161 lbs.; turnips, 83,586 lbs.; apples, 5473 lbs.; grapes, 693 lbs.; strawberries, 8172 lbs.; beef, 8937 lbs.; liver, 1264 lbs. fowl, 2976½ lbs.; hay, 141,890 lbs.; ensilage corn, 1,420,760 lbs.; eggs, 3762½ lbs.; string beans, 14,625 lbs.; beets, 24,645 lbs.; cabbages, 8751 lbs.; cauliflower, 258 lbs.; Swiss chard, 27,077 lbs.; cucumbers, 1541 lbs.; onions, 26,487 lbs.; parsnips, 15,930 lbs.; peppers, 86 lbs.; pumpkins, 11,810 lbs.; rhubarb, 4590 lbs. summer squash, 6365 lbs.; tomatoes, 13,712 lbs.; turnip greens, 1675 lbs.; currants, 1191 lbs.; gooseberries, 848 lbs.; raspberries, 55 lbs.; pork, 49,766 lbs. chicken, 134 lbs.; broilers, 1851 lbs.; green feed, 241,970 lbs.; mangels, 328,000 lbs.

GROUNDNS

The routine work on the grounds has been continued. The weather during the past winter was especially favorable, and the outside working parties were able to make more progress than usual. Practically all of the land between the main hospital and the farm group was cleared of stumps, and all of the dead trees of the grounds were taken out. As the practice is now to remove the stump with the tree, it is believed that this sort of work is about half completed. The lawns and the roadsides in the vicinity of the new cottages are now ready for seeding. A large depression in the ground back of these houses has not been entirely filled in; but will be in the near future.

The main road was thoroughly patched and then treated to a coat of sand and oil. As a result, it is now in very good condition. About one-fourth of the old sidewalk between the nurses' home and the front gate, was replaced with a new 5-foot cement walk. This improvement has been needed for some time and we hope that we will be able to continue next year. Quite a little has been accomplished in the vicinity of the new entrance on Bay Street in the way of filling and removing stone and other waste materials. The greenhouse has continued to function efficiently and the number of flowers and potted plants has increased. This has been made possible to a large extent, not by an increase in production but by care of the plants on the wards and elsewhere.

INDUSTRIAL DEPARTMENT

During the past year, this department moved into its new quarters in the new Industrial Building. The main industrial shoe and tailor shops are located on the second floor. Much of the equipment is new and the shops are well ventilated and lighted. This relocation has helped, especially in the main industrial shop, as the various industries which were previously located in rather widely distributed rooms are now taken care of in one large one. This makes the supervision much easier.

The sterilization of mattress hair by steam and hot water has been discontinued as it was found that much better results were obtained by having the mattresses to be renovated, cleaned by a regular dry-cleaning plant.

The new quarters for the sewing room are being finished and will be occupied early in the coming year. We have not been able to use the furniture shop as the room is still occupied by the ice tanks and ice cream plant. We hope to be able to remove this old equipment very soon, and there seems to be little question that the furniture shop will be functioning by the middle of next summer as it

now practically ready for occupancy with the exception of painting. Some of the machinery has already been delivered.

Every effort is being made to increase this department, as the part it plays in the maintenance of the institution, is a very great one. During the past year, 84 patients were employed. They have done very good work and without question, have been greatly benefited mentally and physically. The following is the detail of the work accomplished:

MAIN INDUSTRIAL SHOP

Made: 887 brooms; 207 brushes; 9 roast pans; 3 ice cream boxes; 3 steamers; 2 spice scoops; 8 soup cans; 8 coffee cans; 41 dustpans; 12 cups; 23 milk cans; 4 covers; 13 meat tins; 2 kettles; 2 coal hods; 7 dippers; 13 powder tins; 2 double boilers; 8 ash cans; 1 refrigerator; 5 trays; 36 swill tubs; 13 wash tubs; 1 oil can; 18 diet tins; 1 vase; 42 pails; 26 sauce tins; 2 vegetable kettles; 1 soup ladle; 4 dishpans; 13 footbaths; 3 dye tins; 13 cannisters; 4 pans; 1 shovel; 24 containers; 2 drain funnels; 1 shelf; 1 spray; 2 galvanized boxes.

Repaired: 2 phonographs; 6 wash tubs; 14 pails; 2 steamers; 88 roast pans; 2 coal hods; 10 pitchers; 2 wash boilers; 3 containers; 110 cups; 3 ice chests; 15 potato barrels; 18 ice cream freezers; 1 laundry wagon; 7 sauce pans; 22 coffee cans; 3 teapots; 3 strainers; 1 flour scoop; 3 water cans; 8 milk cans; 1 potato masher; 1 fan hood; 1 tank; 6 baskets; 2 tubs; 3 garbage cans; 1 bread cutter; 27 soup cans; 26 thermos; 12 cake tins; 15 tea kettles; 82 meat tins; 1 towel rack; 4 double boilers; 2 flour sifters; 9 coffee pots; 1 sofa; 6 dippers; 11 vegetable boilers; 2 dishpans; 29 kettles.

Caned: 166 chairs. *Braided:* 1363 yds. rope; 12 door mats. *Upholstered:* 10 cushions; 5 chairs; 2 lounges.

TAILOR SHOP

Made: 394 coats; 335 pants; 113 overalls; 12 pack mattresses; 2 overcoats; 14 pack pillows; 15 tub covers; 91 suits pressed for employees; 32 grummets in tub covers; 1 flag; 215 suspenders; 206 rugs; 18 yds. towelling; 7 bags; 8 tub hammocks.

Repaired and Pressed: 1171 coats; 1294 pants; 51 overalls; 22 suits pressed for patients; 12 grummets in tub covers; 608 vests; 259 blankets; 24 rugs; 8 carpets; 1 nurses' capes; 1 suit (made over and pressed); 1 baseball suit; 6 runners; 26 tub covers; 4 overcoats.

MATRESS SHOP

Made: 937 mattresses; 396 pillows. *Picked:* 4100 lbs. hair.

SEWING ROOM

Made: 1863 dresses; 604 nightgowns; 404 slips; 216 petticoats; 509 aprons; 16 women's B. V. D.; 36 chemises; 24 drawers; 192 trousers; 1284 shirts; 540 night shirts; 47 men's night jackets; 98 overalls; 355 men's B. V. D.; 526 attendants' sheets; 1053 attendants' pillow slips; 1397 attendants' towels; 107 attendants' table cloths; 140 attendants' laundry bags; 86 attendants' caps; 92 tub covers; 8 tub hammocks; 4845 patients' towels; 183 patients' table cloths; 151 shroud sheets; 214 shroud squares; 131 officers' pillow slips; 68 officers' sheets; 48 officers' towels; 54 officers' dish towels; 1 officers' puff; 15 officers' laundry bags; 12 bed socks; 24 bed socks; 1150 dish towels; 2837 ward sheets; 1840 pillow slips; 72 draw sheets; 251 pack sheets; 142 kitchen holders; 12 khaki aprons; 321 ticking aprons; 12 ticking laundry bags; 230 sash curtains; 12 ward curtains; 104 hemstitched curtains; 70 ruffled curtains; 70 curtain tie-backs; 12 cretonne overdrapes; 14 cretonne curtains; 6 valances; 1 couch cover; 6 cretonne tie-backs; 7 cushions; 14 low ticks; 185 mattress ticks; 225 screen covers; 83 mittens; 3 shirts for patient; 2 bath towels; 2 aprons for patient; 5 aprons for employee; 4 dresses for employee; 4 ward aprons; 44 men's hydro. aprons; 203 blankets cut and sewed; 102 bibs for

male patients; 1 cover for storeroom; 25 cases for rubber gloves; 7 commode covers; 78 tray cloths; 12 ether caps; 26 ether stockings; 20 table covers; 12 nurses' caps; 43 coffee bags; 150 ice collar covers; 24 fomentation cloths; 2 silence cloths; 12 T binders; 24 abdominal swathes; 12 triangular slings; 36 dentist towels; 12 dentist gowns; 41 blue squares sewed on pack blankets; 6 table cloths for Raynham Colony; 80 napkins; 12 special sheets; 193 hydro. pillow slips; 7 khaki wardrobes; 165 sick shirts; 48 office towels.

Mended: 34 dentist gowns; 12 sheets; 62 blankets; 17 aprons; 140 curtains; 65 towels; 101 bedspreads; 50 sash curtains; 96 table cloths; 99 pack blankets; 257 mattress ticks; 128 tub hammocks; 201 tub covers.

Summary: Produced 25,242 articles; mended 1262 articles; darned 5648 stockings; marked 69,257 articles; taped 2455 articles; stencilled 69,257.

MENDING ROOM

3229 aprons; 84 bathrobes; 289 coats; 72 corset covers; 7732 drawers; 14,092 dresses; 3823 laundry bags; 15,059 nightgowns; 451 overalls; 14 pads; 22 pajamas; 3379 petticoats; 1293 pillow slips; 98 puff covers; 10 shawls; 5270 sheets; 11,193 shirts; 2973 spreads; 75 stockings; 53 sweaters; 35 table cloths; 399 towels; 497 trousers; 10 tub covers. *Total*, 70,158.

REPAIRS AND RENEWALS

The appropriation under this heading, amounted to \$25,000 last year. This was quite satisfactory and we have been able to accomplish much with it.

A new fire-proof floor was installed in the corridor of Male Ward 4. Shower baths and dressing rooms have been completed on Male Wards 4, 5 and 6. Lovering Colony and 4 officers' cottages have been re-shingled. A 7' x 7' tunnel, connecting the coal pocket with the boiler house has been constructed and the main highway through the hospital grounds thoroughly resurfaced. Our program on changing of locks and on equipping our windows with fly screens has been continued. A steam heater was installed in the steward's cottage and new laundry sinks at Lovering Colony, also the following: meat slicer for the kitchen, jointer for the carpenter shop, set of garment pressers for the laundry, garment pressers for the tailor shop meat and coffee grinders for the storehouse.

REPAIRS ORDINARY

We have been able to accomplish much in this field during the past year, and the condition of the buildings is constantly improving. Our mechanics, especially those connected with the engineering force, have been occupied much of the time in new construction. All wiring, steamfitting and plumbing in new construction has been accomplished by these men.

Our painting program has gone on without interruption and if nothing prevents by another year, only routine work will remain to be done.

Because of the age of the institution repairs are numerous, and for that reason it is believed that the appropriation under this heading, should be increased next year.

ACKNOWLEDGMENT

In conclusion, permit me to express my appreciation to all those who have made donations to our library and Christmas fund during the past year, and to the organizations and societies who have aided in the entertainment of our patients. I am extremely grateful to the members of the Board for their unfailing interest and advice, and deeply indebted to the employees of the institution who, by their efforts, have made the work of this year possible.

RALPH M. CHAMBERS, *Superintendent.*

TREASURER'S REPORT

To the Department of Mental Diseases:

I respectfully submit the following report of the finances of this institution for the fiscal year ending November 30, 1927.

CASH ACCOUNT

Receipts

<i>Income</i>	
Board of Patients.....	\$88,018.05
	<u>\$88,018.05</u>
Personal Services:	
Reimbursement from Board of Retirement.....	195.95
Sales:	
Clothing and Materials.....	\$161.55
Furnishings and Household Supplies.....	29.60
Medical and General Care.....	2.25
Heat, Light and Power.....	3.20
Farm:	
Cows and calves.....	\$270.00
Pigs and hogs.....	39.00
Hides.....	82.24
Bulls.....	160.00
Sundries.....	.15
	<u>551.39</u>
Repairs, Ordinary.....	767.17
Total Sales.....	<u>\$1,515.16</u>
Miscellaneous:	
Interest on bank balances.....	\$379.94
Rent.....	450.00
	<u>\$829.94</u>
Board of employees.....	180.00
	<u>\$90,739.10</u>
Total Income.....	\$90,739.10

MAINTENANCE

Balance from previous year, brought forward.....	\$17,185.35
Appropriations, current year.....	\$552,520.00
Sale of potatoes, cr. to Maintenance Appropriations.....	584.43
Transferred from other Institutions.....	5,804.00
Total.....	<u>\$576,093.78</u>
Expenses (as analyzed below).....	558,346.93
	<u>\$17,746.85</u>
Balance reverting to Treasury of Commonwealth.....	\$17,746.85

Analysis of Expenses

Personal Services.....	\$272,773.58
Religious Instruction.....	1,795.00
Travel, transportation and office expenses.....	6,369.30
Food.....	98,952.63
Clothing and materials.....	15,786.71
Furnishings and household supplies.....	31,894.68
Medical and general care.....	17,646.45
Heat, light and power.....	39,198.26
Farm.....	29,372.71
Stable, stable and grounds.....	5,761.63
Repairs ordinary.....	14,880.71
Repairs and renewals.....	23,915.27
Total expenses for Maintenance.....	<u>\$558,346.93</u>

SPECIAL APPROPRIATIONS

Balance December 1, 1926.....	\$25,533.74
Appropriations for current year.....	109,000.00
Total.....	<u>\$134,533.74</u>
Expended during the year (see statement below).....	\$81,707.73
Reverting to Treasury of Commonwealth.....	17.21
	<u>\$81,724.94</u>
Balance November 30, 1927, carried to next year.....	\$52,808.80

OBJECT	Act or Resolve	Whole Amount	Expended during Fiscal Year	Total Expended to Date	Balance at End of Year
Fire Protection.....	Acts 1927 Chap. 347	\$18,000 00	\$7,076.23	\$17,982.79	17.21*
Two officer's cottages.....	Acts 1926 Chap. 79	12,000.00	907.47	11,999.38	.62
Remodelling certain buildings.....	Acts 1926. Chap. 79	55,000.00	16,867.59	54,335.38	664.62
Completion of storehouse..	Acts 1927 Chap. 138	38,000.00	18,056.43	18,056.43	19,943.57
Constructing Bakeshop...	Acts 1927 Chap. 138	32,000.00	19,148.23	19,148.23	12,851.77
Employees' cottage.....	Acts 1927 Chap. 138	28,000.00	17,466.57	17,466.57	10,533.43
Furnishing Officers' Cottages	Acts 1927 Chap. 138	3,500.00	2,185.21	2,185.21	1,314.79
Storehouse equipment....	Acts 1927 Chap. 138	7,500.00	.....	.....	7,500.00
		\$194,000.00	\$81,707.73	\$141,173.99	\$52,826.01

Balance reverting to Treasury of the Commonwealth during year (mark item with *).....	\$17.21
Balance carried to next year.....	\$52,808.80
Total as above.....	\$52,826.01

PER CAPITA
During the year the average number of inmates has been, 1,470.
Total cost for maintenance, \$558,346.93
Equal to a weekly per capita cost of \$7.30 (52 weeks to year).
Receipt from sales, \$1,515.16
Equal to a weekly per capita of \$.0198.
All other institution receipts, \$89,223.94.
Equal to a weekly per capita of \$1.1671.
Net weekly per capita \$6.1131.

Respectfully submitted,
FRANK W. BOYNTON, *Treasurer.*

Total receipts and payments are in agreement with Comptroller's books of account.
JAMES C. McCORMICK.

VALUATION

NOVEMBER 30, 1927
REAL ESTATE

Land, 336 acres.....	\$52,250.00
Buildings.....	873,607.62
	\$925,857.62

PERSONAL PROPERTY

Travel, transportation and office expenses.....	\$4,126.70
Food.....	15,549.80
Clothing and materials.....	19,893.20
Furnishings and household supplies.....	111,941.34
Medical and general care.....	18,648.10
Heat, light and power.....	13,177.27
Farm.....	38,540.30
Garage, stables and grounds.....	7,111.40
Repairs.....	19,185.50
	\$248,173.80

SUMMARY

Real Estate.....	\$925,857.68
Personal Property.....	248,173.89
	\$1,174,031.57

STATISTICAL TABLES

AS ADOPTED BY THE AMERICAN PSYCHIATRIC ASSOCIATION
PRESCRIBED BY THE MASSACHUSETTS DEPARTMENT OF MENTAL DISEASES

TABLE 1.—General Information

1. Date of opening as a hospital for mental diseases, 1854.
2. Type of hospital: State
3. Hospital plant
Value of hospital:
Real estate, including buildings..... \$925,857.68
Personal property..... 248,173.89
Total..... *1,174,031.57
Total acreage of hospital property owned, 336.
(Includes grounds, farm and garden and sites occupied by buildings)
Total acreage under cultivation during previous year, 147
(Includes land owned and rented)
4. Officers and Employees

	ACTUALLY IN SERVICE AT END OF YEAR			VACANCIES AT END OF YEAR		
	M.	F.	T.	M.	F.	T.
Superintendents.....	1	-	1	-	-	-
Assistant Physicians.....	7	1	8	-	-	-
Total physicians.....	8	1	9	-	-	-
Stewards.....	1	-	1	-	-	-
Resident dentists.....	1	-	1	-	-	-
Pharmacists.....	-	1	1	-	-	-
Graduate nurses.....	3	13	16	-	-	-
Other nurses and attendants.....	76	57	133	6	15	21
Occupational therapists.....	-	7	7	-	-	-
Social workers.....	-	3	3	-	-	-
All other officers and employees.....	62	57	119	1	3	4
Total officers and employees.....	151	139	290	9	18	27
Census of patient population at end of year						
	ACTUALLY IN HOSPITAL			ABSENT FROM HOSPITAL BUT STILL ON BOOKS		
	M.	F.	T.	M.	F.	T.
White						
Insane*, total.....	672	764	1436	72	186	258
Other Races						
Insane*, total.....	16	13	29	1	2	3
Grand Total.....	688	777	1465	88	199	287
			M.	F.		T.
Patients under treatment in occupational-therapy classes, including physical training, on date of report.....			75	101		176
Other patients employed in general work of hospital on date of report.....			541	424		965
Average daily number of all patients actually in hospital during year.....			697.8686	773.8255		1,471.6941
Voluntary patients admitted during year.....			3	1		4
Persons given advice or treatment in out-patient clinics during year.....			40	52		92

TABLE 2.—Financial Statement

See Treasurer's report for data requested under this table.

TABLE 4.—*Nativity of First Admissions and of Parents of First Admissions for the Year ending September 30, 1927*

NATIVITY	PATIENTS			PARENTS OF MALE PATIENTS			PARENTS OF FEMALE PATIENTS		
	M.	F.	T.	F.	M.	Both	F.	M.	Both
United States.....	82	83	165	46	43	89	49	46	95
Africa.....	—	—	—	—	—	—	1	—	1
Australia.....	—	—	—	1	—	1	—	—	—
Austria.....	—	1	1	—	—	—	1	1	2
Canada*.....	15	16	31	21	19	40	22	23	45
England.....	8	4	12	11	11	22	10	11	21
Ireland.....	1	2	3	2	2	4	2	2	4
France.....	—	—	—	1	1	2	—	—	—
Germany.....	1	1	2	3	3	6	3	3	6
Greece.....	1	1	2	2	2	4	1	1	2
Iceland.....	6	12	18	19	22	41	21	21	42
Italy.....	5	4	9	5	5	10	4	4	8
Japan.....	5	4	9	6	6	12	4	4	8
Portugal.....	16	14	30	19	18	37	20	20	40
Russia.....	—	1	1	—	—	—	1	1	2
Scotland.....	—	1	1	1	2	3	2	2	4
Sweden.....	1	1	2	2	2	4	1	1	2
West Indies‡.....	—	1	1	—	—	—	2	2	4
Unclassified.....	—	—	—	2	5	7	2	4	6
Total.....	141	146	287	141	141	282	146	146	292

includes Newfoundland

‡Except Cuba and Porto Rico

TABLE 5.—*Citizenship of First Admissions for the Year ending September 30, 1927*

	Males	Females	Total
Citizens by birth.....	81	84	165
Citizens by naturalization.....	21	8	29
Aliens.....	39	54	93
Citizenship unascertained.....	—	—	—
Total.....	141	146	287

TABLE 6.—*Psychoses of First Admissions for the Year ending September 30, 1927*

PSYCHOSES	Males	Females	Total
Traumatic psychoses.....	1	—	1
Senile psychoses.....	5	14	19
Psychoses with cerebral arteriosclerosis.....	25	25	50
General paralysis.....	21	5	26
Psychoses with cerebral syphilis.....	—	—	—
Psychoses with Huntington's chorea.....	—	—	—
Psychoses with brain tumor.....	—	—	—
Psychoses with other brain or nervous diseases, total.....	3	3	6
Alcoholic psychoses, total.....	17	3	20
Psychoses due to drugs and other exogenous toxins, total.....	—	—	—
Psychoses with pellagra.....	—	—	—
Psychoses with other somatic diseases, total.....	1	5	6
Manic-depressive psychoses, total.....	2	6	8
Involution melancholia.....	6	13	19
Dementia praecox (schizophrenia).....	33	45	78
Paranoia and paranoid conditions.....	3	4	7
Epileptic psychoses.....	4	2	6
Psychoneuroses and neuroses, total.....	2	2	4
Psychoses with psychopathic personality.....	1	—	1
Psychoses with mental deficiency.....	1	2	3
Undiagnosed psychoses.....	16	16	32
Without psychosis, total.....	—	1	1
Total.....	141	146	287

TABLE 7.—*Race of First Admissions Classified with Reference to Principal Psychoses for the Year ending September 30, 1927*

RACE	TOTAL			TRAUMATIC			SENILE			WITH CEREBRAL ARTERIO-SCLEROSIS		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Indian (black).....	2	5	7	—	—	—	—	1	1	—	—	—
African Indian.....	1	—	1	—	—	—	—	—	—	—	—	—
Irish and Flemish.....	1	—	1	—	—	—	—	—	—	—	—	—
English.....	38	52	90	—	—	—	1	5	6	10	13	23
Scottish.....	2	2	4	—	—	—	—	—	—	—	—	—
Welsh.....	19	15	34	—	—	—	—	1	1	4	4	8
German.....	3	5	8	—	—	—	—	—	—	—	2	2
Polish.....	2	1	3	—	—	—	—	—	—	—	—	—
Swedish.....	—	1	1	—	—	—	—	1	1	—	—	—
Scandinavian.....	24	25	49	—	—	—	2	4	6	5	2	7
Norwegian.....	5	4	9	—	—	—	—	—	—	1	—	1
Danish.....	—	1	1	—	—	—	—	—	—	—	—	—
Swedish.....	—	1	1	—	—	—	—	—	—	—	1	1
Swedish.....	19	19	38	1	—	1	1	1	2	2	2	4
Scandinavian.....	2	1	3	—	—	—	—	—	—	—	1	1
Swedish.....	1	2	3	—	—	—	—	—	—	—	—	—
Swedish.....	6	3	9	—	—	—	—	—	—	1	—	1
Swedish.....	15	8	23	—	—	—	1	1	2	2	—	2
Citizenship unascertained.....	1	1	2	—	—	—	—	—	—	—	—	—
Total.....	141	146	287	1	—	1	5	14	19	25	25	50

Includes "North" and "South".

†Norwegians, Danes, and Swedes.

Includes Bohemian, Bosnian, Croatian, Dalmatian, Herzegovian, Montenegrin, Moravian, Polish, Ruthenian, Servian, Slovak, Slovenian.

TABLE 7.—Race of First Admissions Classified with Reference to Principal Psychoses for the Year ending September 30, 1927—Continued

RACE	GENERAL PARALYSIS			WITH OTHER BRAIN OR NERVOUS DISEASES			ALCOHOLIC			WITH OTHER SOMATIC DISEASES		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
African (black).....	—	1	1	—	—	—	—	—	—	—	—	—
American Indian.....	—	—	—	—	—	—	—	—	—	—	—	—
Dutch and Flemish.....	—	—	—	—	—	—	—	—	—	—	—	—
English.....	8	1	9	1	1	2	2	—	2	1	2	3
Finnish.....	—	—	—	—	1	1	—	—	—	—	—	—
French.....	1	—	1	1	—	1	3	—	3	—	1	1
German.....	1	—	1	—	—	—	—	—	—	—	—	—
Greek.....	—	—	—	—	—	—	1	—	1	—	—	—
Hebrew.....	—	—	—	—	—	—	—	—	—	—	—	—
Irish.....	3	—	3	—	—	—	6	2	8	—	—	—
Italian*.....	—	—	—	—	—	—	1	—	1	—	2	2
Lithuanian.....	—	—	—	—	—	—	—	—	—	—	—	—
Magyar.....	—	—	—	—	—	—	—	—	—	—	—	—
Portuguese.....	5	3	8	—	1	1	2	1	3	—	—	—
Scandinavian†.....	—	—	—	—	—	—	—	—	—	—	—	—
Scotch.....	1	—	1	—	—	—	—	—	—	—	—	—
Slavonic‡.....	—	—	—	1	—	1	1	—	1	—	—	—
Mixed.....	1	—	1	—	—	—	1	—	1	—	—	—
Race unascertained.....	1	—	1	—	—	—	—	—	—	—	—	—
Total.....	21	5	26	3	3	6	17	3	20	1	5	6

*Includes "North" and "South".
†Norwegians, Danes and Swedes.
‡Includes Bohemian, Bosnian, Croatian, Dalmatian, Herzegovian, Montenegrin, Moravian, Polish, Russian, Ruthenian, Servian, Slovak, Slovenian.

TABLE 7.—Race of First Admissions Classified with Reference to Principal Psychoses for the Year ending September 30, 1927—Continued

RACE	MANIC-DEPRESSIVE			INVOLUTION MELANCHOLIA			DEMENTIA PRAECOX			PARANOID AND PARANOID CONDITIONS			EPILEPTIC PSYCHOSES		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
African (black).....	—	—	—	1	—	1	1	2	3	—	—	—	—	—	—
American Indian.....	—	—	—	—	—	—	1	—	1	—	—	—	—	—	—
Dutch and Flemish.....	—	—	—	—	—	—	1	—	1	—	—	—	—	—	—
English.....	—	2	2	1	8	9	5	7	12	—	3	3	1	—	1
Finnish.....	—	—	—	—	—	—	2	1	3	—	—	—	—	—	—
French.....	1	1	2	1	—	1	3	6	9	1	—	1	1	—	1
German.....	—	—	—	—	—	—	1	2	3	—	—	—	1	1	2
Greek.....	—	—	—	—	—	—	1	—	1	—	—	—	—	—	—
Hebrew.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Irish.....	1	2	3	1	2	3	4	11	15	—	—	—	—	—	—
Italian*.....	—	—	—	—	—	—	2	2	4	—	—	—	—	—	—
Lithuanian.....	—	—	—	—	—	—	—	1	1	—	—	—	—	—	—
Magyar.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Portuguese.....	—	—	—	1	—	1	6	9	15	—	—	—	—	1	1
Scandinavian†.....	—	—	—	—	—	—	1	—	1	—	—	—	—	—	—
Scotch.....	—	—	—	—	1	1	—	—	—	—	—	—	—	—	—
Slavonic‡.....	—	—	—	—	—	—	3	2	5	—	—	—	—	—	—
Mixed.....	—	1	1	1	2	3	2	2	4	2	—	2	1	—	1
Race unascertained.....	—	—	—	—	—	—	—	—	—	—	1	1	—	—	—
Total.....	2	6	8	6	13	19	33	45	78	3	4	7	4	2	6

*Includes "North" and "South".
†Norwegian, Danes and Swedes.
‡Includes Bohemian, Bosnian, Croatian, Dalmatian, Herzegovian, Montenegrin, Moravian, Polish, Russian, Ruthenian, Servian, Slovak, Slovenian.

TABLE 7.—*Race of First Admissions Classified with Reference to Principal Psychoses for the Year ending September 30, 1927—Concluded*

RACE	PSYCHO-NEUROSES AND NEUROSES			WITH PSYCHOPATHIC PERSONALITY			WITH MENTAL DEFICIENCY			UNDIAGNOSED PSYCHOSES			WITHOUT PSYCHOSIS		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
African (black).....	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1
American Indian.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dutch and Flemish.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
English.....	2	1	3	-	-	-	-	1	1	6	8	14	-	-	-
Finnish.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
French.....	-	-	-	-	-	-	1	1	2	2	1	3	-	-	-
German.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Greek.....	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-
Hebrew.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Irish.....	-	-	-	-	-	-	-	-	-	2	2	4	-	-	-
Italian*.....	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-
Lithuanian.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Magyar.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Portuguese.....	-	-	-	-	-	-	-	-	-	1	1	2	-	-	-
Scandinavian†.....	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-
Schotch.....	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-
Slovonic†.....	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-
Swedish.....	-	-	-	1	-	1	-	-	-	3	2	5	-	-	-
Race unascertained.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total.....	2	2	4	1	-	1	1	2	3	16	16	32	-	1	1

*Includes "North" and "South".

†Norwegians, Danes and Swedes.

Includes Bohemian, Bosnian, Croatian, Dalmatian, Herzegovian, Montenegrin, Moravian, Polish, Russian, Ruthenian, Servian, Slovak, Slovenian.

TABLE 8.—*Age of First Admissions Classified with Reference to Principal Psychoses for the Year ending September 30, 1927*

PSYCHOSES	Total			15—19 Years			20—24 Years			25—29 Years		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Traumatic.....	1	-	1	-	-	-	-	-	-	-	-	-
Senile.....	5	14	19	-	-	-	-	-	-	-	-	-
With cerebral arteriosclerosis.....	25	25	50	-	-	-	-	-	-	-	-	-
General paralysis.....	21	5	26	-	-	-	-	-	-	-	-	-
With cerebral syphilis.....	-	-	-	-	-	-	-	-	-	-	-	-
With Huntington's chorea.....	-	-	-	-	-	-	-	-	-	-	-	-
With brain tumor.....	-	-	-	-	-	-	-	-	-	-	-	-
With other brain or nervous diseases.....	3	3	6	-	-	-	-	-	-	-	-	-
Alcoholic.....	17	3	20	-	-	-	-	-	-	-	-	-
Due to drugs and other exogenous toxins.....	-	-	-	-	-	-	-	-	-	-	-	-
With pellagra.....	-	-	-	-	-	-	-	-	-	-	-	-
With other somatic diseases.....	1	5	6	-	-	-	-	-	-	-	-	-
Manic-depressive.....	2	6	8	-	1	1	-	1	1	-	-	-
Evolution melancholia.....	6	13	19	-	-	-	-	-	-	-	-	-
Dementia praecox.....	33	45	78	3	2	5	7	12	19	7	7	14
Paranoia and paranoid conditions.....	3	4	7	-	-	-	-	-	-	-	-	-
Epileptic psychoses.....	4	2	6	-	-	-	1	-	1	1	-	1
Psychoneuroses and neuroses.....	2	2	4	-	-	-	-	-	-	-	-	-
With psychopathic personality.....	1	-	1	-	-	-	-	-	-	1	-	1
With mental deficiency.....	1	2	3	-	-	-	-	-	-	1	-	1
Undiagnosed psychoses.....	16	16	32	-	-	-	1	1	2	-	-	-
Without psychosis.....	-	1	1	-	-	-	-	1	1	-	-	-
Total.....	141	146	287	3	3	6	9	15	24	10	7	17

TABLE 8.—*Age of First Admissions Classified with Reference to Principal Psychoses for the Year ending September 30, 1927—Continued*

PSYCHOSES	30—34 Years			35—39 Years			40—44 Years			45—49 Years		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic.....	—	—	—	—	—	—	—	—	—	1	—	1
2. Senile.....	—	—	—	—	—	—	—	—	—	—	—	—
3. With cerebral arteriosclerosis.....	—	—	—	—	—	—	—	—	—	—	—	—
4. General paralysis.....	2	—	2	7	2	9	3	—	3	4	2	6
5. With cerebral syphilis.....	—	—	—	—	—	—	—	—	—	—	—	—
6. With Huntington's chorea.....	—	—	—	—	—	—	—	—	—	—	—	—
7. With brain tumor.....	—	—	—	—	—	—	—	—	—	—	—	—
8. With other brain or nervous diseases.....	—	—	—	1	1	2	1	1	2	1	1	2
9. Alcoholic.....	2	—	2	2	—	2	4	1	5	—	—	—
10. Due to drugs and other exogenous toxins.....	—	—	—	—	—	—	—	—	—	—	—	—
11. With pellagra.....	—	—	—	—	—	—	—	—	—	—	—	—
12. With other somatic diseases.....	—	—	—	—	1	1	—	—	—	—	1	1
13. Manic-depressive.....	2	—	2	—	1	1	—	1	1	—	—	—
14. Involution melancholia.....	—	—	—	—	2	2	3	—	3	2	6	8
15. Dementia praecox.....	3	11	14	11	3	14	—	6	6	1	—	1
16. Paranoia and paranoid conditions.....	—	—	—	1	—	1	—	1	1	1	—	1
17. Epileptic psychoses.....	—	—	—	2	1	3	—	1	1	—	—	—
18. Psychoneuroses and neuroses.....	1	—	1	—	1	1	1	1	2	—	—	—
19. With psychopathic personality.....	—	—	—	—	—	—	—	—	—	—	—	—
20. With mental deficiency.....	—	1	1	—	1	1	—	—	—	—	—	—
21. Undiagnosed psychoses.....	1	2	3	2	2	4	2	5	7	3	3	6
22. Without psychosis.....	—	—	—	—	—	—	—	—	—	—	—	—
Total.....	11	14	25	26	15	41	14	17	31	13	13	26

TABLE 8.—*Age of First Admissions Classified with Reference to Principal Psychoses for the Year ending September 30, 1927—Concluded*

PSYCHOSES	50—54 Years			55—59 Years			60—64 Years			65—69 Years			70 Years and over		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2. Senile.....	—	—	—	1	2	3	—	—	—	—	2	2	4	10	1
3. With cerebral arterio- sclerosis.....	—	1	1	2	2	4	8	3	11	9	5	14	6	14	2
4. General paralysis.....	3	1	4	1	—	1	—	—	—	1	—	1	—	—	—
5. With cerebral syphilis...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6. With Huntington's chorea	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
7. With brain tumor.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8. With other brain or nerv- ous diseases.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
9. Alcoholic.....	3	—	3	1	1	2	1	1	2	3	—	3	1	—	—
10. Due to drugs and other exogenous toxins.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11. With pellagra.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
12. With other somatic dis- eases.....	—	1	1	—	—	—	—	1	1	1	1	2	—	—	—
13. Manic-depressive.....	—	—	—	—	2	2	—	—	—	—	—	—	—	—	—
14. Involution melancholia..	—	1	1	—	3	3	1	1	2	—	—	—	—	—	—
15. Dementia praecox.....	—	—	—	1	1	2	—	3	3	—	—	—	—	—	—
16. Paranoia and paranoid conditions.....	—	—	—	1	3	4	—	—	—	—	—	—	—	—	—
17. Epileptic psychoses.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
18. Psychoneuroses and neu- roses.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
19. With psychopathic per- sonality.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20. With mental deficiency..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
21. Undiagnosed psychoses...	1	—	1	2	—	2	2	—	2	—	2	2	2	1	—
22. Without psychosis.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total.....	7	4	11	9	14	23	12	9	21	14	10	24	13	25	3

TABLE 9.—Degree of Education of First Admissions Classified with Reference to Principal Psychoses for the Year ending September 30, 1927

PSYCHOSES	TOTAL			ILLITERATE			READS AND WRITES*			COMMON SCHOOL			HIGH SCHOOL			COLLEGE			UNASCERTAINED			
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	
1. Traumatic.....	1	—	1	—	—	—	1	—	1	—	—	—	—	—	—	—	—	—	—	1	—	1
2. Senile.....	5	14	19	2	6	8	—	1	1	—	5	7	—	2	2	—	—	—	—	—	—	—
3. With cerebral arteriosclerosis.....	25	25	50	4	4	8	—	5	10	—	10	26	—	3	3	—	—	—	—	—	—	—
4. General paralysis.....	21	5	26	1	1	2	—	1	2	—	2	17	—	4	4	—	—	—	—	—	—	—
5. With cerebral syphilis.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6. With Huntington's chorea.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
7. With brain tumor.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8. With other brain or nervous diseases.....	3	3	6	—	—	—	—	—	—	—	—	5	—	—	—	—	—	—	—	—	—	—
9. Alcoholic.....	17	3	20	2	—	2	—	3	2	—	2	13	—	1	1	—	—	—	—	—	—	—
10. Due to drugs and other exogenous toxins.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11. With pellagra.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
12. With other somatic diseases.....	1	5	6	—	—	—	—	—	3	—	1	2	—	—	—	—	—	—	—	—	—	—
13. Manic-depressive.....	2	6	8	—	1	1	—	—	—	—	1	3	—	—	—	—	—	—	—	—	—	—
14. Involution melancholia.....	6	13	19	—	2	2	—	—	1	—	5	10	—	—	—	—	—	—	—	—	—	—
15. Dementia praecox.....	33	45	78	—	4	4	—	6	10	—	25	51	—	2	4	—	1	1	—	—	—	—
16. Paranoia and paranoid conditions.....	3	4	7	—	—	—	—	1	1	—	2	4	—	3	2	—	—	—	—	—	—	—
17. Epileptic psychoses.....	4	2	6	—	—	—	—	—	—	—	2	5	—	2	1	—	—	—	—	—	—	—
18. Psychoneuroses and neuroses.....	2	2	4	—	—	—	—	—	—	—	2	3	—	1	1	—	—	—	—	—	—	—
19. With psychopathic personality.....	1	1	2	—	—	—	—	—	—	—	1	2	—	1	1	—	—	—	—	—	—	—
20. With mental deficiency.....	1	2	3	—	1	1	—	—	—	—	1	1	—	—	—	—	—	—	—	—	—	—
21. Undiagnosed psychoses.....	16	16	32	—	6	6	—	4	1	—	10	17	—	1	1	—	—	—	—	1	—	1
22. Without psychosis.....	—	1	1	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—
Total.....	141	146	287	9	25	34	21	26	47	99	74	173	10	16	26	—	5	5	2	—	—	2

*Includes those who did not complete fourth grade in school.

TABLE 10.—*Environment of First Admissions Classified with Reference to Principal Psychoses for the Year ending September 30, 1927*

PSYCHOSES	TOTAL			URBAN			RURAL		
	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic.....	1	—	1	1	—	1	—	—	—
2. Senile.....	5	14	19	4	13	17	1	1	—
3. With cerebral arteriosclerosis.....	25	25	50	22	22	44	3	3	—
4. General paralysis.....	21	5	26	21	5	26	—	—	—
5. With cerebral syphilis.....	—	—	—	—	—	—	—	—	—
6. With Huntington's chorea.....	—	—	—	—	—	—	—	—	—
7. With brain tumor.....	—	—	—	—	—	—	—	—	—
8. With other brain or nervous diseases.....	3	3	6	3	3	6	—	—	—
9. Alcoholic.....	17	3	20	13	3	16	4	—	—
10. Due to drugs and other exogenous toxins.....	—	—	—	—	—	—	—	—	—
11. With pellagra.....	—	—	—	—	—	—	—	—	—
12. With other somatic diseases.....	1	5	6	1	5	6	—	—	—
13. Manic-depressive.....	2	6	8	2	6	8	—	—	—
14. Involution melancholia.....	6	13	19	6	12	18	—	1	—
15. Dementia praecox.....	33	45	78	31	43	74	2	2	—
16. Paranoia and paranoid conditions.....	3	4	7	3	3	6	—	1	—
17. Epileptic psychoses.....	4	2	6	3	2	5	1	—	—
18. Psychoneuroses and neuroses.....	2	2	4	2	2	4	—	—	—
19. With psychopathic personality.....	1	—	1	1	—	1	—	—	—
20. With mental deficiency.....	1	2	3	1	2	3	—	—	—
21. Undiagnosed psychoses.....	16	16	32	15	15	30	1	1	—
22. Without psychosis.....	—	1	1	—	1	1	—	—	—
Total.....	141	146	287	129	137	266	12	9	—

TABLE 11.—*Economic Condition of First Admissions Classified with Reference to Principal Psychoses for the Year ending September 30, 1927*

PSYCHOSES	TOTAL			DEPENDENT			MARGINAL			COMFORTABLE	
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.
1. Traumatic.....	1	—	1	—	—	—	1	—	1	—	—
2. Senile.....	5	14	19	1	6	7	4	6	10	—	2
3. With cerebral arteriosclerosis.....	25	25	50	9	3	12	15	18	33	1	4
4. General paralysis.....	21	5	26	2	—	2	16	5	21	3	—
5. With cerebral syphilis.....	—	—	—	—	—	—	—	—	—	—	—
6. With Huntington's chorea.....	—	—	—	—	—	—	—	—	—	—	—
7. With brain-tumor.....	—	—	—	—	—	—	—	—	—	—	—
8. With other brain or nervous diseases.....	3	3	6	—	1	1	3	2	5	—	—
9. Alcoholic.....	17	3	20	6	—	6	11	3	14	—	—
10. Due to drugs and other exogenous toxins.....	—	—	—	—	—	—	—	—	—	—	—
11. With pellagra.....	—	—	—	—	—	—	—	—	—	—	—
12. With other somatic diseases.....	1	5	6	—	1	1	1	3	4	—	1
13. Manic-depressive.....	2	6	8	—	—	—	2	6	8	—	—
14. Involution melancholia.....	6	13	19	1	—	1	5	12	17	—	1
15. Dementia praecox.....	33	45	78	6	5	11	23	40	63	4	—
16. Paranoia and paranoid conditions.....	3	4	7	1	1	2	2	3	5	—	—
17. Epileptic psychoses.....	4	2	6	2	1	3	2	1	3	—	—
18. Psychoneuroses and neuroses.....	2	2	4	—	—	—	2	2	4	—	—
19. With psychopathic personality.....	1	—	1	—	—	—	1	—	1	—	—
20. With mental deficiency.....	1	2	3	—	—	—	1	2	3	—	—
21. Undiagnosed psychoses.....	16	16	32	7	3	10	7	12	19	2	1
22. Without psychosis.....	—	1	1	—	—	—	—	1	1	—	—
Total.....	141	146	287	35	21	56	96	116	212	10	9

TABLE 12.—*Use of Alcohol by First Admissions Classified with Reference to Principal Psychoses for the Year ending September 30, 1927*

PSYCHOSES	TOTAL			ABSTINENT			TEMPERATE			INTEMPERATE		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Traumatic.....	1	—	1	—	—	—	1	—	1	—	—	—
Senile.....	5	14	19	1	10	11	3	4	7	1	—	1
With cerebral arteriosclerosis.	25	25	50	10	23	33	7	1	8	8	1	9
General paralysis.....	21	5	26	5	4	9	9	—	9	7	1	8
With cerebral syphilis.....	—	—	—	—	—	—	—	—	—	—	—	—
With Huntington's chorea....	—	—	—	—	—	—	—	—	—	—	—	—
With brain tumor.....	—	—	—	—	—	—	—	—	—	—	—	—
With other brain or nervous diseases.....	3	3	6	1	3	4	1	—	1	1	—	1
Alcoholic.....	17	3	20	—	—	—	—	—	—	17	3	20
Due to drugs and other exogenous toxins.....	—	—	—	—	—	—	—	—	—	—	—	—
With pellagra.....	—	—	—	—	—	—	—	—	—	—	—	—
With other somatic diseases..	1	5	6	1	5	6	—	—	—	—	—	—
Manic-depressive.....	2	6	8	—	6	6	1	—	1	1	—	1
Involution melancholia.....	6	13	19	4	13	17	1	—	1	1	—	1
Dementia praecox.....	33	45	78	18	42	60	15	2	17	—	1	1
Paranoia and paranoid conditions.....	3	4	7	1	4	5	2	—	2	—	—	—
Epileptic psychoses.....	4	2	6	3	2	5	1	—	1	—	—	—
Psychoneuroses and neuroses.	2	2	4	2	2	4	—	—	—	—	—	—
With psychopathic personality	1	—	1	1	—	1	—	—	—	—	—	—
With mental deficiency.....	1	2	3	—	2	2	—	—	—	1	—	1
Undiagnosed psychoses.....	16	16	32	4	13	17	6	1	7	6	2	8
Without psychosis.....	—	1	1	—	1	1	—	—	—	—	—	—
Total.....	141	146	287	51	130	181	47	8	55	43	8	51

TABLE 13.—*Marital Condition of First Admissions Classified with Reference to Principal Psychoses for the Year ending September 30, 1927*

PSYCHOSES	TOTAL			SINGLE			MARRIED			WIDOWED			SEPARATED			DIVORCED		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic.....	1	—	1	—	—	—	1	—	1	—	—	—	—	—	—	—	—	—
2. Senile.....	5	14	19	—	5	6	3	—	6	—	—	—	—	—	—	—	—	—
3. With cerebral arteriosclerosis.....	25	25	50	1	6	11	17	3	28	1	6	7	—	—	—	—	—	—
4. General paralysis.....	21	5	26	5	—	5	16	3	19	—	—	2	—	—	—	—	1	1
5. With cerebral syphilis.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6. With Huntington's chorea.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
7. With brain tumor.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8. With other brain or nervous diseases.....	3	3	6	—	2	2	3	—	3	—	—	—	—	—	—	—	—	—
9. Alcoholic.....	17	3	20	6	—	6	8	2	10	1	1	2	1	—	—	1	—	1
10. Due to drugs and other exogenous toxins.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11. With pellagra.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
12. With other somatic diseases.....	1	5	6	—	—	—	1	5	6	—	—	—	—	—	—	—	—	—
13. Manic-depressive.....	2	6	8	1	2	3	1	3	4	—	—	—	—	—	—	—	—	—
14. Involution melancholia.....	6	13	19	2	2	4	4	8	12	—	—	1	—	—	—	—	1	1
15. Dementia praecox.....	33	45	78	25	24	49	7	19	26	1	2	1	—	—	—	—	2	2
16. Paranoia and paranoid conditions.....	3	4	7	3	3	3	3	1	4	—	—	—	—	—	—	—	—	—
17. Epileptic psychoses.....	4	2	6	—	2	5	1	—	1	—	—	—	—	—	—	—	—	—
18. Psychoneuroses and neuroses.....	2	2	4	1	1	2	1	—	1	—	—	—	—	—	—	—	1	1
19. With psychopathic personality.....	1	2	3	1	1	1	—	—	—	—	—	—	—	—	—	—	—	—
20. With mental deficiency.....	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
21. Undiagnosed psychoses.....	16	16	32	2	6	8	9	8	17	3	2	5	2	—	—	—	—	—
22. Without psychosis.....	—	1	1	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—
Total.....	141	146	287	53	56	109	75	63	138	9	22	31	3	—	3	1	5	6

TABLE 14.—*Psychoses of Re-admissions for the Year ending September 30, 1927*

PSYCHOSES		M.	F.	T.
1. Traumatic psychoses.....	—	—	—	—
2. Senile psychoses.....	—	1	1	1
3. Psychoses with cerebral arteriosclerosis.....	3	1	4	4
4. General paralysis.....	—	1	1	1
5. Psychoses with cerebral syphilis.....	—	—	—	—
6. Psychoses with Huntington's chorea.....	—	—	—	—
7. Psychoses with brain tumor.....	—	—	—	—
8. Psychoses with other brain or nervous diseases.....	—	—	—	—
9. Alcoholic psychoses.....	6	—	6	6
10. Psychoses due to drugs and other exogenous toxins.....	—	—	—	—
11. Psychoses with pellagra.....	—	—	—	—
12. Psychoses with other somatic diseases.....	—	—	—	—
13. Manic-depressive psychoses.....	3	7	10	10
14. Involution melancholia.....	—	1	1	1
15. Dementia praecox.....	9	12	21	21
16. Paranoia and paranoid conditions.....	—	2	2	2
17. Epileptic psychoses.....	—	2	2	2
18. Psychoneuroses and neuroses.....	—	2	2	2
19. Psychoses with psychopathic personality.....	—	—	—	—
20. Psychoses with mental deficiency.....	2	—	2	2
21. Undiagnosed psychoses.....	4	4	8	8
22. Without psychosis.....	—	4	4	4
Total.....	27	37	64	64

TABLE 15.—*Discharges of Patients Classified with Reference to Principal Psychoses and Condition on Discharge for the Year ending September 30, 1927*

PSYCHOSES	TOTAL			RECOVERED			IMPROVED			UNIMPROVED		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Traumatic.....	1	1	2	—	—	—	1	1	2	—	—	—
Senile.....	—	1	1	—	—	—	—	1	1	—	—	—
With cerebral arteriosclerosis.....	1	3	4	—	—	—	1	3	4	—	—	—
General paralysis.....	4	—	4	—	—	—	4	—	4	—	—	—
With cerebral syphilis.....	—	—	—	—	—	—	—	—	—	—	—	—
With Huntington's chorea.....	—	—	—	—	—	—	—	—	—	—	—	—
With brain tumor.....	—	—	—	—	—	—	—	—	—	—	—	—
With other brain or nervous diseases.....	—	—	—	—	—	—	—	—	—	—	—	—
Alcoholic.....	16	—	16	9	—	9	6	—	6	1	—	1
Due to drugs and other exogenous toxins.....	1	—	1	1	—	1	—	—	—	—	—	—
With pellagra.....	—	—	—	—	—	—	—	—	—	—	—	—
With other somatic diseases.....	1	4	5	—	2	2	1	2	3	—	—	—
Manic-depressive.....	20	17	37	15	4	19	4	12	16	1	1	2
Involution melancholia.....	2	6	8	2	1	3	—	4	4	—	1	1
Dementia praecox.....	19	26	45	3	—	3	15	24	39	1	2	3
Paranoia and paranoid conditions.....	—	1	1	—	—	—	—	1	1	—	—	—
Epileptic psychoses.....	—	—	—	—	—	—	—	—	—	—	—	—
Psychoneuroses and neuroses.....	1	5	6	—	1	1	—	4	4	1	—	1
With psychopathic personality.....	1	1	2	1	1	2	—	—	—	—	—	—
With mental deficiency.....	4	3	7	1	—	1	1	2	3	2	1	3
Undiagnosed psychoses.....	7	7	14	1	2	3	5	5	10	1	—	1
Without psychosis.....	—	5	5	—	—	—	—	—	—	—	—	—
Total.....	78	80	158	33	11	44	38	59	97	7	5	12

TABLE 16.—Causes of Death of Patients Classified with Reference to Principal Psychoses for the Year ending September 30, 1927

CAUSES OF DEATH	TOTAL			SENILE			WITH CEREBRAL ARTERIO-SCLEROSIS			GENERAL PARALYSIS			ALCOHOLIC			MANIC-DEPRESSIVE		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
<i>I. Epidemic, Endemic and Infectious Diseases</i>																		
Tuberculosis of the respiratory system.....	6	9	15	—	—	—	—	—	—	—	—	—	1	1	2	—	1	1
<i>II. General Diseases Not Included in Class I</i>																		
Cancer and other malignant tumors.....	2	2	4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
<i>III. Diseases of the Nervous System</i>																		
General paralysis of the insane.....	20	6	26	—	—	—	—	—	—	20	6	26	—	—	—	—	—	—
Epilepsy.....	1	1	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
<i>IV. Diseases of the Circulatory System</i>																		
Endocarditis and myocarditis.....	9	5	14	1	—	1	1	1	2	—	—	—	—	—	—	1	—	1
Other diseases of the heart.....	3	—	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Arteriosclerosis.....	32	27	59	7	11	18	24	12	36	—	—	—	1	—	1	—	—	—
Other diseases of the circulatory system.....	—	2	2	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—
<i>V. Diseases of the Respiratory System</i>																		
Broncho pneumonia.....	7	7	14	1	3	4	4	2	6	—	—	—	—	—	—	—	—	—
Lobar pneumonia.....	2	2	4	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—
<i>VI. Diseases of the Digestive System</i>																		
Appendicitis and typhilitis.....	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hernia and intestinal obstruction.....	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other diseases of intestines.....	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cirrhosis of liver.....	1	—	1	1	—	1	—	—	—	1	—	1	—	—	—	—	—	—
<i>VII. Non-Veneral Diseases of Genito-Urinary System and Annexa</i>																		
Nephritis.....	—	2	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other diseases of genito-urinary system.....	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
<i>VIII. Diseases of the Skin and of the Cellular Tissue</i>																		
<i>IX. Diseases of the Bones and of the Organs of Locomotion (tuberculosis and rheumatism excepted)</i>																		
<i>X. Other Diseases Not Included in Above Groups</i>																		
Homicide.....	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other external causes.....	—	1	1	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—
<i>XI. External Causes</i>																		
Total.....	86	66	152	10	17	27	29	15	44	21	6	27	3	1	4	1	1	2

TABLE 10.—*Cases of Death of Patients Classified with Reference to Principal Psychoses for the Year ending September 30, 1927—*
 Concluded

CAUSES OF DEATH	INVOLUTION MELAN- CHOLIA			DEMENTIA PRAECOX			PARANOIA AND PARANOID CONDITIONS			EPILEPTIC PSYCHOSES			PSYCHO- NEUROSES AND NEUROSES			WITH MENTAL DEFICIENCY			*ALL OTHER PSYCHOSES		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
<i>I. Epidemic, Endemic and Infectious Diseases</i>																					
Tuberculosis of the respiratory system.....	—	1	1	2	5	7	—	—	—	—	—	—	—	—	—	2	—	2	1	1	2
<i>II. General Diseases Not Included in Class I</i>																					
Cancer and other malignant tumors.....	—	—	—	2	1	3	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1
<i>III. Diseases of the Nervous System</i>																					
General paralysis of the insane.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Epilepsy.....	—	—	—	—	—	—	—	—	—	1	1	2	—	—	—	—	—	—	—	—	—
<i>IV. Diseases of the Circulatory System</i>																					
Endocarditis and myocarditis.....	1	—	1	3	2	5	—	1	1	—	—	—	—	—	—	1	—	1	1	1	2
Other diseases of the heart.....	—	—	—	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—	1	—	1
Arteriosclerosis.....	—	—	—	—	2	2	—	—	—	—	—	—	—	—	—	—	—	—	—	2	2
Other diseases of the circulatory system.....	—	—	—	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
<i>V. Diseases of the Respiratory System</i>																					
Broncho pneumonia.....	—	—	—	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Lobar pneumonia.....	—	—	—	2	1	3	—	—	—	—	—	—	—	—	—	—	—	—	2	—	2
<i>VI. Diseases of the Digestive System</i>																					
Appendicitis and typhlitis.....	—	—	—	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hernia and intestinal obstruction.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other diseases of intestines.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cirrhosis of liver.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
<i>VII. Non-Veneral Diseases of Genito-Urinary System and</i> <i>Annexa</i>																					
Nephritis.....	—	1	1	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other diseases of genito-urinary system.....	—	—	—	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
<i>VIII. Diseases of the Skin and of the Cellular Tissue</i>																					
<i>IX. Diseases of the Bones and of the Organs of Locomotion</i> <i>(tuberculosis and rheumatism excepted)</i>																					
<i>X. Other Diseases Not Included in Above Groups</i>																					
<i>XI. External Causes</i>																					
Homicide.....	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other external causes.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total.....	2	2	4	10	16	26	—	1	1	1	1	2	—	1	1	3	—	3	6	5	11

*Includes group 22 "without psychosis."

TABLE 17.—Age of Patients at Time of Death Classified with Reference to Principal Psychoses for the Year ending September 30, 1927

PSYCHOSES	TOTAL			15-19 YEARS			20-24 YEARS			25-29 YEARS			30-34 YEARS			35-39 YEARS			40-44 YEARS		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2. Senile.....	10	17	27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3. With cerebral arteriosclerosis.....	29	15	44	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4. General paralysis.....	21	6	27	-	-	-	-	-	-	1	-	1	1	-	-	4	1	5	3	1	4
5. With cerebral syphilis.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6. With Huntington's chorea.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7. With brain tumor.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8. With other brain or nervous diseases.....	2	1	3	-	-	-	-	1	-	-	-	-	1	-	-	-	-	-	-	-	-
9. Alcoholic.....	3	1	4	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	1	-	1
10. Due to drugs and other exogenous toxins.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11. With pellagra.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12. With other somatic diseases.....	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13. Manic-depressive.....	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14. Involution melancholia.....	2	2	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15. Dementia praecox.....	10	16	26	-	1	1	1	1	2	2	1	3	1	3	4	-	2	2	1	1	2
16. Paranoia and paranoid conditions.....	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17. Epileptic psychoses.....	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18. Psychoneuroses and neuroses.....	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19. With psychopathic personality.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20. With mental deficiency.....	3	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21. Undiagnosed psychoses.....	4	3	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	1
22. Without psychosis.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total.....	86	66	152	-	1	1	1	2	3	3	1	4	3	3	6	4	4	8	8	3	11

TABLE 17.—*Age of Patients at Time of Death Classified with Reference to Principal Psychoses for the Year ending September 30, 1927—Concluded*

PSYCHOSES	45-49 YEARS			50-54 YEARS			55-59 YEARS			60-64 YEARS			65-69 YEARS			70 YEARS AND OVER			
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	
1. Traumatic.....	—	—	—	—	—	—	—	1	1	—	—	—	—	1	2	—	9	15	24
2. Senile.....	—	—	—	—	—	1	—	—	—	—	—	—	—	1	3	10	16	10	26
3. With cerebral arteriosclerosis.....	—	—	—	1	—	7	—	—	2	—	—	—	—	—	—	—	—	—	—
4. General paralysis.....	5	2	7	5	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—
5. With cerebral syphilis.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6. With Huntington's chorea.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
7. With brain tumor.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8. With other brain or nervous diseases.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
9. Alcoholic.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	1
10. Due to drugs and other exogenous toxins.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2	—	2
11. With pellagra.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
12. With other somatic diseases.....	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1	—	—	—	—
13. Manic-depressive.....	—	1	1	—	—	—	1	—	1	—	—	—	—	—	—	—	—	—	—
14. Involution melancholia.....	—	—	—	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—
15. Dementia praecox.....	2	1	3	—	—	—	2	2	4	—	1	2	—	—	—	—	1	2	3
16. Paranoia and paranoid conditions.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
17. Epileptic psychoses.....	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1
18. Psychoneuroses and neuroses.....	—	—	—	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—
19. With psychopathic personality.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20. With mental deficiency.....	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—
21. Undiagnosed psychoses.....	1	—	1	1	—	1	1	1	1	—	—	1	—	—	1	1	—	1	1
22. Without psychosis.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total.....	9	4	13	7	4	11	7	3	10	6	6	12	8	6	14	30	29	59	59

TABLE 18.—*Total Duration of Hospital Life of Patients Dying in Hospital Classified According to Principal Psychoses for the Year ending September 30, 1927*

PSYCHOSES	TOTAL			LESS THAN 1 MONTH			1-3 MONTHS		
	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic.....	—	—	—	—	—	—	—	—	—
2. Senile.....	10	17	27	1	—	1	2	3	—
3. With cerebral arteriosclerosis.....	29	15	44	4	6	10	8	2	1
4. General paralysis.....	21	6	27	3	1	4	2	1	—
5. With cerebral syphilis.....	—	—	—	—	—	—	—	—	—
6. With Huntington's chorea.....	—	—	—	—	—	—	—	—	—
7. With brain tumor.....	—	—	—	—	—	—	—	—	—
8. With other brain or nervous diseases.....	2	1	3	—	—	—	—	—	—
9. Alcoholic.....	3	1	4	—	—	—	—	—	—
10. Due to drugs and other exogenous toxins.....	—	—	—	—	—	—	—	—	—
11. With pellagra.....	—	—	—	—	—	—	—	—	—
12. With other somatic diseases.....	—	1	1	—	—	—	—	—	—
13. Manic-depressive.....	1	1	2	—	—	—	—	—	—
14. Involution melancholia.....	2	2	4	—	—	—	—	1	—
15. Dementia praecox.....	10	16	26	1	3	4	—	2	—
16. Paranoia and paranoid conditions.....	—	1	1	—	—	—	—	—	—
17. Epileptic psychoses.....	1	1	2	—	—	—	—	—	—
18. Psychoneuroses and neuroses.....	—	1	1	—	—	—	—	1	—
19. With psychopathic personality.....	—	—	—	—	—	—	—	—	—
20. With mental deficiency.....	3	—	3	—	—	—	1	—	—
21. Undiagnosed psychoses.....	4	3	7	4	1	5	—	2	—
22. Without psychosis.....	—	—	—	—	—	—	—	—	—
Total.....	86	66	152	13	11	24	13	12	2

TABLE 18.—*Total Duration of Hospital Life of Patients Dying in Hospital Classified According to Principal Psychoses for the Year ending September 30, 1927—Continued*

PSYCHOSES	4-7 MONTHS			8-12 MONTHS			1-2 YEARS	
	M.	F.	T.	M.	F.	T.	M.	F.
1. Traumatic.....	—	—	—	—	—	—	—	—
2. Senile.....	2	4	6	—	1	1	2	5
3. With cerebral arteriosclerosis.....	4	2	6	2	1	3	3	3
4. General paralysis.....	4	2	6	3	—	3	6	1
5. With cerebral syphilis.....	—	—	—	—	—	—	—	—
6. With Huntington's chorea.....	—	—	—	—	—	—	—	—
7. With brain tumor.....	—	—	—	—	—	—	—	—
8. With other brain or nervous diseases.....	—	—	—	—	—	—	1	—
9. Alcoholic.....	—	—	—	1	—	1	—	—
10. Due to drugs and other exogenous toxins.....	—	—	—	—	—	—	—	—
11. With pellagra.....	—	—	—	—	—	—	—	—
12. With other somatic diseases.....	—	—	—	—	—	—	—	—
13. Manic-depressive.....	—	—	—	—	—	—	1	—
14. Involution melancholia.....	—	—	—	1	1	2	—	—
15. Dementia praecox.....	—	—	—	1	—	1	2	1
16. Paranoia and paranoid conditions.....	—	—	—	—	—	—	—	—
17. Epileptic psychoses.....	—	1	1	—	—	—	—	—
18. Psychoneuroses and neuroses.....	—	—	—	—	—	—	—	—
19. With psychopathic personality.....	—	—	—	—	—	—	—	—
20. With mental deficiency.....	—	—	—	1	—	1	1	—
21. Undiagnosed psychoses.....	—	—	—	—	—	—	—	—
22. Without psychosis.....	—	—	—	—	—	—	—	—
Total.....	10	9	19	9	3	12	16	10

TABLE 18.—*Total Duration of Hospital Life of Patients Dying in Hospital Classified According to Principal Psychoses for the Year ending September 30, 1927—Continued*

PSYCHOSES	3-4 YEARS			5-6 YEARS			7-8 YEARS		
	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic.....	-	-	-	-	-	-	-	-	-
2. Senile.....	-	-	-	2	1	3	-	1	1
3. With cerebral arteriosclerosis.....	4	-	4	2	-	2	-	-	-
4. General paralysis.....	2	1	3	1	-	1	-	-	-
5. With cerebral syphilis.....	-	-	-	-	-	-	-	-	-
6. With Huntington's chorea.....	-	-	-	-	-	-	-	-	-
7. With brain tumor.....	-	-	-	-	-	-	-	-	-
8. With other brain or nervous diseases.....	-	1	1	-	-	-	-	-	1
9. Alcoholic.....	-	-	-	-	-	-	-	-	-
0. Due to drugs and other exogenous toxins.....	-	-	-	-	-	-	-	-	-
1. With pellagra.....	-	-	-	-	-	-	-	-	-
2. With other somatic diseases.....	-	1	1	-	-	-	-	-	-
3. Manic-depressive.....	-	1	1	-	-	-	-	-	-
4. Involution melancholia.....	-	-	-	-	-	-	-	-	-
5. Dementia praecox.....	-	1	1	-	4	4	1	-	1
6. Paranoia and paranoid conditions.....	-	-	-	-	-	-	-	-	-
7. Epileptic psychoses.....	-	-	-	-	-	-	-	-	-
8. Psychoneuroses and neuroses.....	-	-	-	-	-	-	-	-	-
9. With psychopathic personality.....	-	-	-	-	-	-	-	-	-
0. With mental deficiency.....	-	-	-	-	-	-	-	-	-
1. Undiagnosed psychoses.....	-	-	-	-	-	-	-	-	-
2. Without psychosis.....	-	-	-	-	-	-	-	-	-
Total.....	6	5	11	5	5	10	1	1	2

TABLE 18.—*Total Duration of Hospital Life of Patients Dying in Hospital Classified According to Principal Psychoses for the Year ending September 30, 1927—Concluded*

PSYCHOSES	9-10 YEARS			13-14 YEARS			15-19 YEARS			20 YEARS AND OVER		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Traumatic.....	-	-	-	-	-	-	-	-	-	-	-	-
Senile.....	-	1	1	-	1	1	1	-	1	-	-	-
With cerebral arteriosclerosis.....	1	-	1	-	1	1	1	-	1	-	-	-
General paralysis.....	-	-	-	-	-	-	-	-	-	-	-	-
With cerebral syphilis.....	-	-	-	-	-	-	-	-	-	-	-	-
With Huntington's chorea.....	-	-	-	-	-	-	-	-	-	-	-	-
With brain tumor.....	-	-	-	-	-	-	-	-	-	-	-	-
With other brain or nervous diseases	1	-	1	-	-	-	-	-	-	-	-	-
Alcoholic.....	-	1	1	-	-	-	2	-	2	-	-	-
Due to drugs and other exogenous toxins.....	-	-	-	-	-	-	-	-	-	-	-	-
With pellagra.....	-	-	-	-	-	-	-	-	-	-	-	-
With other somatic diseases.....	-	-	-	-	-	-	-	-	-	-	-	-
Manic-depressive.....	-	-	-	-	-	-	-	-	-	-	-	-
Involution melancholia.....	-	-	-	1	-	1	-	-	-	-	-	-
Dementia praecox.....	-	-	-	1	2	3	1	1	2	3	2	5
Paranoia and paranoid conditions..	-	1	1	-	-	-	-	-	-	-	-	-
Epileptic psychoses.....	-	-	-	-	-	-	-	-	-	1	-	1
Psychoneuroses and neuroses.....	-	-	-	-	-	-	-	-	-	-	-	-
With psychopathic personality.....	-	-	-	-	-	-	-	-	-	-	-	-
With mental deficiency.....	-	-	-	-	-	-	-	-	-	-	-	-
Undiagnosed psychoses.....	-	-	-	-	-	-	-	-	-	-	-	-
Without psychosis.....	-	-	-	-	-	-	-	-	-	-	-	-
Total.....	2	3	5	2	4	6	5	1	6	4	2	6

TABLE 19.—*Family Care Department for the Year ending September 30, 192*

	M.	F.	T.
Remaining September 30, 1926.....	1	7	
Admitted within the year.....	—	2	
Whole number of cases within the year.....	1	9	
Dismissed within the year.....	—	1	
Discharged.....	—	1	
Died.....	—	—	
Visit.....	—	—	
Escape.....	—	—	
Remaining September 30, 1927.....	1	7	
Number of different persons within year.....	—	3	
Number of different persons admitted.....	—	2	
Number of different persons dismissed.....	—	2	
Daily average number.....	1.000	7.9019	8.90

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The Commonwealth of Massachusetts

ANNUAL REPORT

OF THE

TRUSTEES

OF THE

TAUNTON STATE HOSPITAL

FOR THE

YEAR ENDING NOVEMBER 30, 1928

DEPARTMENT OF MENTAL DISEASES



MAY 29 1930

TAUNTON STATE HOSPITAL

MASS. OFFICIALS

BOARD OF TRUSTEES.

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 JOSEPH E. BARRETT, M.D., *Assistant Superintendent*.
 H. SINCLAIR TAIT, M.D., *Senior Assistant Physician*.
 JULIUS H. FARIBAULT, M.D., *Senior Assistant Physician*.
 NAOMI RASKIN, M.D., *Senior Assistant Physician, Pathology*.
 FRANK O. KING, M.D., *Assistant Physician*.
 MAURICE A. R. HENNESSY, M.D., *Assistant Physician*.
 J. EDOUARD SIMON, M.D., *Assistant Physician*.
 ————, *Assistant Physician*.
 ————, *Assistant Physician*.
 ————, *Assistant Physician*.
 GEORGE A. HARRIS, D.M.D., *Dentist*.
 LINDA A. J. RICHARDS, R.N., *Superintendent Nurses Emerita*.
 ANNIE A. HALL, R.N., *Principal School of Nursing*.
 JAMES C. FLYNN, *Chief Power Plant Engineer*.
 ————, *Steward*.
 FRANK W. BOYNTON, *Principal Bookkeeper*.
 GEORGE S. HOLLINGWORTH, *Maintenance Foreman*.
 FRED GULLON, *Head Farmer*.
 MRS. ELIZABETH FULTON, *Matron*.

TRUSTEES' REPORT.

To His Excellency the Governor and the Honorable Council:

The trustees of the Taunton State Hospital present herewith the seventh annual report, together with the Superintendent's report, financial and statistical tables.

There have been no changes in the personnel of the Board during the past year. Arthur B. Reed, North Abington, Chairman, was reappointed in the spring of this year and subsequently re-elected Chairman.

The meetings, both regular and special, have been well attended, and the hospital has been inspected by committees appointed by the Chairman.

We have been able to continue the building program, which has been outlined in previous reports, this year. The new Industrial Building, furnishing quarters for all of our shops, is now in operation, as is also the new Storehouse and Bakery. All of these units are working out very well, especially the Storehouse and the department for vegetable preparation and canning, located in the basement of the Storehouse. It is believed that the experience we have had thus far in having this work located at some distance from the kitchen is a great improvement over the old method of doing this work either in, or very near the kitchen. We

able to store practically all of our materials on hand under one roof. This certainly make for better storekeeping.

The transportation of coal to the Boiler Room through the new tunnel was started the fall of this year. The Boiler Room is equipped with an auxiliary coal pocket holding a week's supply of coal. This is kept filled at all times, and in the case of bad weather it is not necessary for the men to work out of doors.

Four buildings in the new Salvage Yard are practically completed and we hope that the fifth will be completed during the coming year. It is our intention to put this unit into active use early in the coming year. Ample space for the storage of materials not in use has been provided, and it is believed that careful preservation of these articles will make for a large saving to the Commonwealth.

The new Employees' Home was occupied during the spring of this year, and has been found to be a very comfortable place by those who are quartered there.

An appropriation of \$140,000 was made this year to start the renovation of the rear center building. This will enable us to have a new kitchen, library and quarters for approximately twenty employees. The contract was let rather late in the fall, but due to the open winter the work is progressing rapidly, and will probably be completed in the spring of the coming year.

The rate at which our program is progressing is very gratifying, and we urge strongly that it be continued.

Appropriations have been asked for the following purposes during the coming year, and it is hoped they will all be granted: Kitchen and cafeteria equipment, \$5,000; two officers' cottages, \$12,000; Superintendent's house, \$30,000; continuation of renovation of rear center, \$140,000.

For the past several years we have mentioned the need of continuance of a fire protection program, and as we realize very keenly the danger from a conflagration in an institution such as ours, we feel that this matter must again be brought to your attention. Appropriations for purposes related to this program have been asked for under "Repairs and Renewals," and we sincerely hope that they will receive careful consideration.

We are now looking forward to the time when it will be possible to begin the construction of our new hospital group. This is also a part of our ten year program, and from the standpoint of the care and comfort of the patients, perhaps more necessary than any of the other items. In this new group quarters will be provided for all the classes requiring special treatment. The old building serves very well as a dormitory section, but our equipment for special treatment is not at all satisfactory. The addition of new beds will also serve to relieve the over-crowded condition which is constantly increasing.

We are very pleased to report that the hospital was visited during the year by: Lieutenant Governor Frank G. Allen, Councilors Francis W. Aldrich, Pehr G. Jones, Esther M. Andrews and James F. Powers, Representatives Woolfenden, Hall, Senator Nicholson, Hon. Charles P. Howard, Chairman, Commission on Administration and Finance, and Mr. Carl Raymond, Budget Commissioner. The Commissioner of our Department, Dr. George M. Kline, visited the hospital on several occasions as did also other members of his staff.

In conclusion, we wish to express our appreciation for the assistance rendered during the year by the Department of Mental Diseases, as well as by the many other Departments that have been co-operative. To yourself as well as members of our Council and members of the General Court, we are extremely grateful.

ARTHUR B. REED, *Chairman*,
JULIUS BERKOWITZ,
MARY B. BESSE,

ASA A. MILLS,

ELIZABETH C. M. GIFFORD,
CHARLES C. CAIN, JR.,
SAMUEL M. STONE,

Trustees.

SUPERINTENDENT'S REPORT.

To the Trustees of the Taunton State Hospital:

The seventy-fifth annual report of the Superintendent of the Taunton State Hospital, for the fiscal year ending November 30, 1928, is respectfully submitted for your consideration.

The statistical tables relative to patients, cover the period beginning October 1, 1927, and ending September 30, 1928.

MOVEMENT OF POPULATION.

On Sept. 30, 1927, a grand total of 1,637 patients, including 761 men and 876 women were on the books of the Taunton State Hospital. During the year ending September 30, 1928, 502 patients were received. Of this number, 36 men and 39 women, a total of 75, came as readmissions, and 4 men and 2 women, a total of 6, were transferred to this hospital from other hospitals.

Four hundred and seventy-three patients, including 230 men and 243 women were discharged during the same period. Of this number, 121 men and 113 women, a total of 234, were returned to the community. 102 men and 83 women, a total of 185, died, and 7 men and 47 women, a total of 54, were transferred to other institutions.

The census on September 30, 1928, was as follows: In the hospital, 721 men and 742 women, a total of 1,463. In family care, 6 women. On visit and escape, 101 men and 96 women, a total of 197, making a grand total of 1,666, including 822 men and 844 women on the books of the hospital. The total number of patients under treatment during the year was 2,139, including 1,052 men and 1,087 women.

Of the 421 first admissions, only 367 were actually committed to the hospital, the remaining 52 being under temporary care and 2 voluntary. Of the 77 first admissions, 69 were committed; 5 were under temporary care, and there were 3 voluntary sane.

Nativity. Of the 367 committed first admissions, 127 men and 68 women, a total of 195, were born in the United States, and 91 men and 81 women, a total of 172, were born in other countries, the percentage of native born being 53.1% and foreign born 46.87%.

Citizenship. Of the 367 committed first admissions, 195 or 53.13% were citizens by birth, 64 or 17.44% were citizens by naturalization, 99 or 26.98% were aliens, and 9 or 2.45% were unascertained.

Mental Diagnosis. The different forms of mental disease shown by the committed first admissions were as follows: Dementia præcox, 92 or 25.0%; traumatic psychosis, 1 or .27%; senile psychosis, 39 or 10.63%; psychosis with cerebral arteriosclerosis, 36 or 9.81%; general paralysis, 24 or 6.54%; psychosis with cerebral syphilis, 2 or .54%; psychosis with Huntington's chorea, 1 or .27%; psychosis with other brain or nervous diseases, 4 or 1.09%; alcoholic psychosis, 3 or 0.81%; psychosis with other somatic diseases, 5 or 1.36%; manic depressive psychosis, 21 or 5.72%; involution melancholia, 26 or 7.08%; paranoia and paranoid condition, 17 or 4.63%; epileptic psychosis, 6 or 1.64%; psychoneurosis and neurasthenia, 9 or 2.45%; psychosis with psychopathic personality, 3 or .82%; psychosis with mental deficiency, 8 or 2.18%; undiagnosed psychosis, 36 or 9.82%; with other forms of psychosis, 1 or .27%.

For further information concerning psychoses of first admissions, see statistical tables.

Age. Of the 367 committed first admissions, 102 or 27.79% were over 60 years of age, 126 or 34.33% were between 40 and 60, 127 or 34.61% were between 20 and 40, and 12 or 3.27% were under 20.

Education. Of the 367 committed first admissions, 28 or 7.63% were illiterate, 69 or 18.80% could read and write, 215 or 58.58% had a common school education, 35 or 9.54% a high school education, 8 or 2.18% had college education, and 12 or 3.27% were unascertained.

Environment. Of the 367 committed first admissions, 334 or 91.01% were classified as urban, 32 or 8.72% rural, and 1 or .27% were unascertained.

READMISSIONS.

the 69 patients readmitted, the diagnoses were as follows: General paralysis, 2.90%; manic depressive psychosis, 15 or 21.74%; paranoia or paranoid condition, 3 or 4.35%; senile psychosis, 1 or 1.45%; psychosis with other brain or nervous diseases, 1 or 1.45%; alcoholic psychosis, 5 or 7.25%; involution melancholia, 5 or 7.25%; dementia præcox, 20 or 28.98%; psychosis with mental deficiency, 4 or 5.79%; undiagnosed, 9 or 13.04%; without psychosis, 1 or 1.45%; epilepsies, 2 or 2.90%; psychoneuroses and neuroses, 1 or 1.45%.

DISCHARGES.

Only 186 of the 234 patients discharged were committed to the hospital. The remaining 48 were under temporary care and voluntary. The condition of the discharged during the year was as follows: Recovered, 50 or 26.88%; improved, 10 or 56.99%; unimproved, 27 or 14.51%; and not insane, 3 or 1.62%.

DEATHS.

The death rate for the year, figured on the total number under treatment, was 7.0%.

Only 176 of the 185 patients dying during the year were committed; the remaining 9 were under temporary care. The causes of death were as follows: Erysipelas, 1 or .57%; tuberculosis of the respiratory system, 17 or 9.66%; tuberculosis of other organs, 1 or .57%; cancer and other malignant tumors, 8 or 4.55%; diabetes, 1 or 1.13%; alcoholism (acute or chronic), 1 or .57%; other general diseases, 5 or 2.84%; meningitis, 1 or .57%; cerebral hemorrhage, apoplexy, 2 or 1.13%; general paralysis of the insane, 25 or 14.20%; epilepsy 1 or .57%; other diseases of the nervous system, 1 or .57%; endocarditis and myocarditis, 37 or 21.02%; atherosclerosis, 51 or 28.98%; bronchopneumonia, 5 or 2.84%; lobar pneumonia, 6 or 3.42%; pleurisy, 1 or .57%; other diseases of the respiratory system (tuberculosis excepted), 2 or 1.13%; diarrhea and enteritis, 2 or 1.13%; nephritis, 4 or 2.21%; diseases of prostate, 1 or .57%; other diseases of the circulatory system, 1 or .57%; other external causes, 1 or .57%.

Of those who died, 102 or 57.95% were over 60; 54 or 30.68% were from 40 to 60; and 19 or 10.79% were from 20 to 40; and 1 or .58% were under 20.

Our record shows that at the close of the year there were 25 Ex-service men in care.

MEDICAL SERVICE.

During the past year we have been fortunate in obtaining the services of an Assistant Superintendent, Dr. Joseph E. Barrett who reported for duty on April 1. He comes to us from Arkansas where he had several years' experience.

Our organization in the Medical Department consists of an assistant superintendent who acts as chief of the staff, senior assistant physicians who have charge of the different services, laboratory, etc., junior physicians who work under supervision of the seniors in the various services. In addition to this we have a visiting staff who act as consultants in the different specialties.

The following departments are under the supervision of the chief of the staff: Laboratory, Nurses' Training School, Operating Rooms, Dental Offices, Hydrotherapy, Occupational Therapy, Social Service, Out-Patient and Clinics.

Staff meetings have been conducted daily. The patients are carefully examined, diagnosed and proper treatment recommended.

We have continued to carry on the routine treatment of all syphilitics and all the old methods of treatment have been used. At the present time a number of patients are undergoing intravenous inoculation of typhoid vaccine. This form of treatment is a substitute for malaria therapy and has the advantage of being a little easier to control. A few cases that we have treated, without question, show a high percentage of remissions. We believe that the treatment must have been a factor in bringing about these remissions. The number of cases is not yet sufficient to make any definite report, however.

Our Pathologist, Dr. Naomi Raskin, was given a leave of absence during the year as she is now in Europe studying at the different clinics.

Dr. Richard P. MacKnight, District Representative of the Department of Public Health, has continued to show a spirit of splendid co-operation and, although

we have been practically free from contagious diseases, we have found it venient to consult him on several different questions.

The following doctors have left our service during the year: Fernand Lon Raymond R. Costa, Louis M. Fritz, and William M. MacPhee.

SOCIAL SERVICE.

The personnel of the Social Service Department consists of a Head Social Worker and two assistants, with the addition of a student worker for 8 months of the year. The work of this department lies chiefly in four fields:— *Supervision*: With the very considerable increase of the number of patients on trial visit, the number of supervisory calls has correspondingly increased. Effort has been made to make as suitable adjustments as possible for these patients, that their trial visit become permanent. *History Taking and Investigation*: About the same number of histories were taken outside of the hospital this year as last, but more investigations were made at the request of the physicians, in order that the patient cases might be thoroughly understood. *Community Clinics*: These clinics, functioning in New Bedford, Attleboro and Taunton, in charge of a physician and a social worker, are for the benefit of hospital patients as well as others referred by physicians and community organizations. Every case is taken to give needed help and advice. *School Clinics*: Of the 18 superintendents in the Taunton State Hospital District, all but three have now recognized the advantages of a special class for backward pupils, and have availed themselves at least on occasion of the assistance of the Traveling School Clinic.

At monthly conferences outlines for record keeping have been improved and have been taken toward standardization, in order that future research work be facilitated. It is the especial aim of the Social Service Department to be a connecting link between the hospital and the community.

A statistical summary of the work follows:—

SOCIAL SERVICE MONTHLY STATISTICS.

December 1, 1927, to December 1, 1928.

I. NUMERICAL SUMMARY OF CASES:

	HOSPITAL CASES.				COMMUNITY CASES.		TOTAL	
	House Patients.		Out-Patients.		Clinic Cases. ¹			
	M.	F.	M.	F.	M.	F.	M.	F.
1. New cases	95	60	114	110	32	47	241	217
2. Renewed cases from previous years .	—	7	5	2	4	3	9	12
3. Renewed cases within the year . .	1	2	3	3	—	—	4	5
4. Continued cases from previous year	78	60	58	93	76	80	212	233
5. Cases closed during year	103	85	76	115	30	40	209	240
6. Cases continued to following year .	71	44	104	93	82	90	257	227

¹ This does not include hospital patients reporting to community clinics.

II. SOURCES OF NEW CASES:

Number of cases referred by physicians, 374; by community agencies, 11; by friends or relatives, 1; by initiative of patients, 6.

III. ANALYSIS OF WORK:

1. Purposes for which cases were referred:—

- Historys of patients — taken at hospital, 2; taken outside of hospital, 116.
- Investigation — conduct disorders, 32; employment situation, 11; home conditions, 41; statements of patients, 53; statements of others, 48.
- Supervision — in home, 578; in industry, 77; in community, 11.
- Care of patients' families, 6.
- Personal services, 68.
- Placement, 9.

2. Problems: —

- (a) Disease — mental, 688; physical, 117.
- (b) Sex Problems — prostitution, 4; promiscuity, 7; wayward tendencies, 20.
- (c) Environment — Financial difficulties, 75; employment difficulties, 101; unsuitable surroundings, 31. Friction — family, 69; others, 14; marital difficulties, 52.
- (d) Personality Problems — temperament, 73; anti-social habits, 44; vacillating interests, 18.
- (e) Educational Problems — Readjustment habits of mind, 80; Recreation, church, social relationships, 100.
- (f) Legal Problems — Concerning property or support, 7.

SERVICE RENDERED:

1. Medical: —

Contribution of information *re*: medical history, 128; home conditions, 631; condition of out-patients, 654.

2. Social:

Adjustments for Patients — Environment, 1; personal relations, 22; in industry, 2; in recreation, 11. Advice — to relatives, 262; to patients, 321; to others, 31. Connecting with Agencies — 314; with individuals, 777. Family assistance — miscellaneous, 3. Personal Services — 147. Psychological tests to hospital patients, 9.

SUPERVISION WORK:

- 1. Number of Patients on visit last day previous year, 151; discharged from visit during year, 118. Visits — To patients on ward, 234; to patients on visit, 702; to relatives or friends, 459; to social agencies, 169; to others, 18.
- 2. Family Care Patients: —
Number patients visited, 49; placed, 2; returned, 2; discharged, 1.
Boarding homes investigated, 4. Christmas boxes sent, 7.

CLINIC WORK:

- 1. Hospital Clinics — Number of clinics attended, 50 community clinics where hospital patients report; interviews with patients, 174, patients reporting to New Bedford Clinic; with relatives, 143.
- 2. School Clinics — Number attended, 10; Psychological tests, 64; School tests, 20. Miscellaneous Work — Contacts with superintendents, 47; with principals, 5; with nurses, 8; with teachers, 6; arrangements for 15 clinics, instructions in history taking and giving of school tests to 4 nurses, 2 principals, 2 teachers; 3 statistical reports.
- 3. Community Clinics — Number attended, 79; interviews with patients, 148; with others, 179. Psychological tests, 24.

MISCELLANEOUS:

- 1. Amount of Expense Account — Hospital work, \$442.25.
- 2. Account of Time — Number of days in Hospital, 435½; days outside Hospital, 519; days spent in School Clinic Work, 26½; days spent in Community Clinic Work, 45. Resignations in February, 4; in November, 6. Additions in February, 13; in November, 1.

CONFERENCES.

aily conference at Hospital. Monthly Friday conference at State House for al Workers of D.M.D. Monthly Saturday conferences at State House for ital Social Workers. Two Mental Hygiene conferences. Social Workers' al Conference at Wheaton College. Conference concerning Retarded School dren at Bridgewater Normal School. Meetings of Round Table of Psychiatric al Workers. Special studies — 12 articles bearing on Psychology and Social ice studied. Lectures — 8 to student nurses on Social Service.

OUT-PATIENT DEPARTMENT.

We have continued to maintain Out-Patient Clinics at New Bedford, Attleboro and Taunton. The Fall River cases have been examined either at New Bedford or at Taunton. The number of new cases seen at New Bedford Clinic was no great as that of last year. This, no doubt, was due to the industry difficult the city has experienced.

Our School Clinic has continued to increase and many more cases than last year were examined.

The crowding in the institutions for the feeble-minded has made it necessary to care for the obviously feeble-minded who are in need of institution treatment by means of home and social supervision.

A summary of the work accomplished is as follows: —

Mental Clinics.

Source of Cases —

Children's Aid Society, 21
 Family Welfare Society (New Bedford), 7
 Private physicians through a welfare organization (Attleboro), 9
 Department of Public Welfare (Attleboro), 0
 Society for Prevention of Cruelty to Children, 11
 Catholic Welfare Bureau, 4
 International Institute, 2
 Self or Immediate Family, 0
 Taunton State Hospital, 185
 Private physicians, 7
 Instructive Association, 7
 Other sources, 16

1. New Bedford — New Cases — Male, 21; Female, 36; Total, 57.

Total Visits — Male, 109; Female, 169; Total, 278.

2. Fall River (Clinic temporarily closed).

3. Taunton — New Cases — Male, 10; Female, 5; Total, 15.

Total Visits — Male, 10; Female 5; Total 15.

4. Attleboro — New Cases — Male, 2; Female, 5; Total, 7.

Total Visits — Male, 4; Female, 7; Total, 11.

Male cases seen (new), 33; Female cases seen (new), 46; Total, 79.

Male visits to clinic, 123; Female visits to clinic, 181; Total visits to clinic, 304.

School Clinics.

Number of towns visited, 17

Number of new cases examined, 412

Number of incomplete cases, 83

Number of cases reported, 329

Number of cases for institutional care, 2

Number of cases recommended to leave school and find suitable employment

Number of cases recommended for special class, 256

Number of cases advised to continue in grade, 52

A number of the cases were incomplete, owing to the absence of the individual due to sickness, etc.

OPERATING ROOM.

Although our operating rooms are not adequate they are well equipped and we have been able to carry on the necessary surgical work during the past year with any difficulty. Our visiting staff working in conjunction with the resident staff have continued to do all our surgical work. Treatment of general paralysis continued during the past year. Several cases have been subjected to therapy by means of intravenous injection of typhoid vaccine. This form of treatment apparently gives a result similar to that obtained by inoculation with malaria and is much easier to control.

A detail of the work accomplished, follows:

	Male.	Female.	Total
Appendectomy	—	1	1
Herniotomy	2	—	2
Tonsillectomy and adenectomy	1	4	5

	Male.	Female.	Total.
removal of needle from abdomen	—	1	1
cision of carbuncle	—	1	1
putation of finger	1	—	1
ected hand incised	1	—	1
putation of breast	—	1	1
ploratory incision into buttocks for needle	1	—	1
ision for cellulitis	2	—	2
eth extractions with general anesthesia	5	8	13
ambar punctures	56	9	65
ssermanns	310	244	554
ls incised	24	18	42
ections incised	17	18	35
ts sutured	11	14	25
gical dressings	1,826	1,079	2,905
aminations (pelvics)	—	115	115
culations	206	210	416
treatments: Salvarsan	128	17	145
Mercury	795	201	996

DENTAL DEPARTMENT.

This Department has been functioning under practically the same organization eight years and as a consequence the patients are in good dental condition. The Department is well equipped and as the work progresses the dentist finds the time to devote to hygienic measures. A detail of the work follows:—
bridgework: Preparation for, 8; removed, 3; reset, 3; Davis crown set, 2; gold crown removed, 2. Cleaned and scaled, 773; examined and charted, 1,152; extractions, 1,067. *Fillings:* Amalgam, 569; kryptex, 125; temporary, 1; zinc oxide eugenol, 329. *Plates:* Impression, bite, shade, 67; made, 28; adjusted, 130; fitted, 33; cleaned, 101. *Treatments:* Formo-creosol, 11; guins, 90; Howes silver plate, 2; post operative, 109; pulp removed, 43; root canal, 2; tooth treated, 9. X-rays taken, 165; patients with work completed, 1,551; number of visits, 3,826; number of operations, 4,824; average operation per patient, 3.97; number of patients treated for first time, 924; number of extractions and fillings on new patients, 633; percentage of patients with work completed, 90.7; percentage of patients able to receive attention, 2.8; percentage of patients with work to be done, 6.5; percentage of new admissions needing dental attention, 33.5; number of patients giving dental attention other than examination, 924; number of patients needing dental attention, 942; patients wearing plates, 283; patients needing no dental attention (because of plates and no teeth), 360; patients wearing crown and bridge, 240; number of bridges, crowns and pivots, 733; number of artificial appliances, 1,146; average number of patients treated daily, 13.18; average number of operations per day, 17.22; number of days office open, 280; number of patients with no teeth, 193; number of sets of false teeth, 413.

X-RAY DEPARTMENT.

Routine x-ray examination has proceeded throughout the year and the following summary of work done is appended. Thirty chest examinations have been made for the Board of Health.
 and, 13; wrist, 5; elbow, 7; shoulder, 5; foot, 11; ankle, 3; knee, 5; tibia and fibula, 11; hip, 9; R. U. V. 3; pelvis, 1; spine, 8; gall bladder, 3; chest, 74; gastro-intestinal, 7; sinuses, 7; head, 12; jaw, 2; ribs, 3; foreign body, 7; clavicle, 1; nose, 1; heart, 1; finger, 10; thumb, 2; abdomen, 2; teeth, 165; board of health, total, 412.

PHYSIOTHERAPY DEPARTMENT.

On the purchase of an Alpine Ultra Violet Lamp, a department devoted to treatment both by ultra-violet ray and also by infra-red lamp has been instituted June 18, 1928.
 Herewith is appended a record of the work done from that date to the end of the fiscal year.
 Total number of cases treated with Alpine Lamp, 38.
 The types of cases treated are: Arthritis, 2; burn contracture, 1; fibrositis, 1;

lumbago, 2; neurasthenia, 1; osteomyelitis, 1; psoriasis, 3; synovitis, 2; adenitis, 3; sprain, 3; eczema, 3; varicose ulcers, 3; chronic ulcer of leg, 5; skin infection, 1; chronic mastitis, 1; pulmonary tuberculosis, 7.

The following cases were discharged as cured or improved: Fibrositis, 1; lumbago, 1; adenitis, 1; sprain, 2; psoriasis, 3; neurasthenia, 1.

The purchase of a Zoalite Lamp will enlarge the usefulness and benefit of this branch of therapy.

Number of hours of treatment, 152.

HYDROTHERAPY.

This department now has in operation, 7 continuous baths, two pack rooms and a completely equipped hydriatic room on both male and female services, and is in charge of a graduate nurse.

The benefit of hydrotherapeutic treatment in suitable cases is being emphasized more and more and is without doubt one of the most valuable types of the treatment available for mental cases.

Dr. Rebekah Wright, Hydrotherapeutist of the Massachusetts Department of Mental Diseases, visited the institution during the year and was very anxious and helpful in furthering the service of this department.

A detail of the work accomplished follows:

Tonic Baths.

	Male.	Female.	Total.
Salt glows	537	426	963
Hot and cold to spine	631	605	1,236
Fomentations to abdomen	—	45	45
Fomentations to liver	—	48	48
Foot baths as preparatory treatment	1,620	2,106	3,726
Sitz baths	92	169	261
Wet mitten frictions	87	268	355
Electric light baths	253	215	468
Swedish shampoos	598	798	1,396
Hair shampoos	598	798	1,396
Needle sprays	2,411	2,845	5,256
Fan douches	2,158	2,265	4,423
Jet douches	437	42	479
Rain douches	598	798	1,396

Continuous Baths.

<i>No. of Patients.</i>	<i>No. of Baths.</i>	<i>No. of Hours.</i>
Male167	Male2,613	Male20,905
Female166	Female2,225	Female21,345
Total333	Total4,838	Total42,250

Wet Sheet Packs.

<i>No. of Patients.</i>	<i>No. of Packs.</i>	<i>No. of Hours.</i>
Male359	Male8,932	Male25,440
Female253	Female8,470	Female23,700
Total612	Total17,402	Total49,140

OCCUPATIONAL THERAPY.

Several changes have taken place in this department during the past year. Miss Ruth Ilsley who occupied the position of Head Occupational Therapist resigned, leaving the hospital in June and was succeeded by Miss Katherine Kenzie on September 17, 1928. Miss McMahon who succeeded Mrs. Baughman as Director of Music has also resigned. This vacancy will be filled at the earliest possible opportunity. At the present time the Department consists of one director and five aides.

During the summer months classes were practically discontinued, owing to the

that groups of patients were taken out to assist in picking beans and berries. In the month of September the classes were reorganized and are now being held in the Main Occupational Therapy Class Room, and on the Wards. The patients show considerable interest in the work. There are twelve classes in operation at the present time. There is still a large number of patients to be checked, which means a great deal of work.

The patients who are being treated are assigned to us by the Senior Physician. Prescription cards and monthly progress notes are being introduced, which will be of great assistance in treating the patients therapeutically.

All recreational activities for both patients and employees are under the direction of this department. The regular Friday night dances were carried on throughout the year with the exception of the summer months. Music for these dances is furnished by the hospital orchestra, which consists of five pieces, three of which are played by patients.

There were 205 patients under treatment in the Occupational Therapy Department at the beginning of the year. The following table shows the number of patients treated during the year:

Admissions to classes during the year, 421.

Cases previously treated, 198.

Cases transferred, 243.

Cases discontinued, 124.

Cases discharged, 24.

Cases died, 10.

Remaining under treatment end of year, 225.

Less patients discontinued in August not shown on report, 23. Total, 202.

The following articles have been produced during the year, all of which have been used in the hospital: Hooked rugs, 13; braid weave rugs, 58; woven rugs, 207; wool knitted rugs, 6; braided rugs, 18; woven door mats, 4; woven trackers, 28; Persian knot rugs, 1; braided hot dish mats, 5; reed waste baskets, 30; reed hanging baskets, 6; farm baskets, 1; reed jardinières, 52; hand-painted book-ends, 2; picture hangers, 7; picture puzzles, 47; face cloths, 39; patchwork puffs, 6; linen runners, 7; linen doilies, 23; linen vanity sets, 3; linen center piece, 1; rayon curtains, 8 prs.; rayon valances, 8 prs.; rayon tie-backs, 12 prs.; rayon pillows, 3; cretonne curtains, 5 prs.; cretonne valances, 3 prs.; cretonne tie-backs, 10 prs.; cretonne pillows, 2; cretonne window seats, 2; net curtains, 5 prs.; lamps with hand-painted, parchment shades, 3; embroidered runners (tatted edges), 641; embroidered center pieces (tatted edges), 123; embroidered pillow tops, 86; cretonne pillow tops, 71; curtains, 85 prs.; sash curtains, 12 prs.; valances, 96 prs.; tie-backs, 6 prs.; unbleached screen covers, 24 prs.

Covering Colony produced the following articles: Hooked rugs, 3; braid weave rugs, 15; woven rugs, 36; woven trackers, 7; art square (4 yds.), 1; embroidered center pieces (tatted edges), 7; embroidered doilies (tatted edges), 14; embroidered runners, 7; piano scarf hemstitched, 1; reed lamp, 1.

TRAINING SCHOOL.

The outlook for the school of nursing appears promising and we are working towards a better and larger school.

The present enrollment consists of five preliminary students, six intermediates and two seniors. An affiliation has been arranged with Morton Hospital, whereby students are to come to us for a three months' course in psychiatric nursing.

The graduation exercises were held November 15, 1928, when two nurses graduated. These nurses are still with us and are to take examinations for registration in January.

The staff of nurses contains ten registered and three graduate nurses, thus enabling us to have a trained nurse in charge of most of our sick wards.

The position of Assistant Superintendent of Nurses, which has been vacant since September 1, has recently been filled by Miss Ila Jackson, R.N., a graduate of Voonsocket Hospital, thus enabling us to bring our class work up to schedule.

During the year the attendants' course in practical nursing was given, and was completed by thirty-six female attendant nurses and thirty-five male attendant nurses.

LABORATORY.

The laboratories have been actively concerned in routine procedures and have co-operated to the fullest in any special work requested. At the present time the laboratory is very well equipped for doing any special work, and during the year a metabolimeter was added to the equipment of the department for purpose of doing metabolism tests in cases requiring such for proper diagnosis.

The annual report of the work follows: Urine, 1,691; spinal fluids, 92. Blood chemistry — blood sugar, 22, non-protein nitrogen, 14, urea, 4. Renal function tests, 10; white blood counts, 1,166; complete blood counts, 202; smears, cultures, 134; stomach content, 2; sputa, 46; feces, 36; metabolism tests, 4; analyses, 68, — 47 male, 21 female; quantitative sugar (urine), 99; acetone tests, diacetic acid, 2; coagulation (blood), 11; agglutination, 1; tissue slides, 149.

RELIGIOUS SERVICES.

The regular Sunday services have been conducted in the Chapel in the morning group, the Catholic clergymen officiating in the morning and the Protestant in the afternoon. Special services have been held at regular intervals at each of the colonies. The members of the Jewish faith have been visited regularly by the rabbi. All of the members of the clergy connected with the hospital have been very co-operative and have made numerous special visits to individual patients.

ENTERTAINMENT.

Besides the moving pictures and dances held weekly, the patients enjoyed other entertainments contributed by interested people of the community as well as special entertainments under the direction of the hospital.

On December 23, 1927, "The Little Church Around the Corner" was presented by Rev. Cornelius Greenway of Taunton. This was followed by the usual Christmas Week Program. On January 16, Mr. Greenway again came to the hospital with the moving picture "Scaramouche."

On January 5, 1928, singing and music was arranged for the benefit of our Borah Colony patients, by Mr. Albert C. Blankenship of Brockton, Massachusetts.

On January 31, the American Legion Band of Attleboro under the leadership of Mr. R. E. Bell gave a very fine concert. On February 20, members of St. Thomas Church, under the direction of Mrs. Percival Lincoln, gave a Washingtonian entertainment featuring music, songs, dialogue, recitation and dances. The Daughters of Isabella, under the auspices of the Veterans of Foreign Wars, very kindly presented a vaudeville show on March 5, Mrs. Mary Leonard and Mrs. George Clark being in charge. Two weeks later the Women's Auxiliary of the American Legion of Taunton, under the supervision of Mrs. Doris Willis and Mrs. Lillian McIsaac, gave another vaudeville. On the evening of April 23, the Ladies' Auxiliary of the Veterans of Foreign Wars presented a program under the direction of Katherine Haggerty, Cora Baptista and Gertrude Williams. We are also indebted to the Veterans of Foreign Wars for a musical program presented on October 30 by the Morris Band of Taunton under the leadership of Mr. Walter Morris.

Many who attended the entertainment on May 4, under the leadership of William Allinson, were amazed at the quality of music produced by the Grammer School Children of Fall River, as it was on an equal basis with many adult orchestras.

In addition to those mentioned above which were thoroughly enjoyed by those who attended, there were programs arranged by the hospital for Easter, July Fourth and Labor Day.

The Ex-Service Men have been visited regularly as usual by the Taunton and Fall River Posts of the American Legion, Knights of Columbus, David F. Adams Post No. 611, Veterans of Foreign Wars and by the Veterans of the Spanish War.

The following people contributed to the Annual Christmas Fund: Patricia Nelson, Mrs. P. H. Rogers, Annie Rose, S. M. Stone, Mrs. Elizabeth C. M. Gifford, Trustee; Mr. and Mrs. Lane, Mrs. Sarah M. Ward, Mrs. A. M. Pierce, Mrs. Jennie Blakmer, Harvey C. Sampson, Grace M. Vincent, Mrs. Abbie L. Bailey, Emma C. Thompson, J. K. Kerrigan, Mrs. Dora Levy, Mrs. D. A. Bayne, Mrs. Mary A. Waldron, Margaret Smith, Edward Diskin and Elmer I. Wheeler.

LIBRARY.

The program of widening the range of the library has been continued this year. The average circulation per week has greatly increased, having been during the winter months, November to April, 117 volumes, and during the summer months, 105. About 20% of the books purchased have been from sources such as "The Modern Library" and "The Star Dollar Series," so that today the library has characteristic works of such authors as Beebe, Yeats, Blanchan, Pupin, Akeley, Philip Gibbs, W. R. Thayer, Wiggan, etc., in biography, travel, natural history, science, etc.

Additions to the library by purchase have been 183. This total includes bound volumes of magazines containing material of lasting value purchased for the Canteen and the Staff Reading Rooms.

Additions by gift — 100. Of the gifts the most notable in number and quality came from Mrs. Elizabeth C. M. Gifford, Trustee, whose interest in the library is unflagging. The gifts of Mrs. Newbury of Taunton equalled in number and quality that of last year, also Mrs. Wilbur of Taunton.

The process of elimination from the library of mutilated books, those not suited for a hospital library and unnecessary duplicates, has been continued, 187 volumes having been discarded.

In fiction today the library is very well represented with books by all the better class of current popular American authors, and during the past year the library has been increased, chiefly by gifts with books by such representative English authors as Arnold Bennett, Galsworthy, William DeMorgan, Rose Macauley, Gilbert Cannan, Archibald Marshall, Doef Wyllarde, Olive Wadsley, E. Temple Thurston, none of whose books were previously on our shelves.

The following magazines of 1927-1928, bound in the library by the "Toronto Method," have been added: *Asia, Harper's, Judge, Scribner's, National Geographic, Nature, Life, World's Work, American, Cosmopolitan, Munsey, Forum, Scientific Monthly.*

We are indebted to the persons whose names are mentioned below for the donation of books and magazines:

Mrs. James O'Neil, Mrs. Ray Sargent, Mrs. A. C. Burt, Mrs. Clinton Williams, Mrs. Richard Smerdon, Mrs. J. P. Taylor, Mrs. Charles S. Simmons, Brownell and Burt, Mrs. Gardner, Mrs. Francis M. Wilbur, The Salvation Army, Mrs. Keefe, A. C. Bent, Frank Hubbard, M.D., Russell Davol, Zilpha Chace, Mr. P. Hern, Dr. George A. Harris, Mrs. T. W. Smith, W. F. Wyatt, Ph.D., Mrs. Hewitt, Mr. Ruddock, Mr. J. P. Taylor, Mrs. William Davenport, Dr. H. S. Tait, Mr. Harold L. Green, Mr. James Gough, Mrs. Dunbar, Mrs. Ella R. Burt, Mrs. Nathan Newbury, Mrs. Cotter, Miss Mary Thomas, Miss E. R. Bliss, Mrs. Elizabeth C. M. Gifford, Mrs. Culver, Mrs. Joseph Lockwood, Dr. Butler, Mr. Francis Stanley, Miss Ella Francis, Mrs. Fenton Allyn, Sippican Woman's Club, Woman's Club, Secretary of Woman's Club, Brockton, Mrs. Josephine R. Dalton, Harwich Welfare Club, Mr. Leon Field, C. Wade, Mrs. Wright and Dr. William T. Wyatt.

FARM.

The past year can be rated as an average one in so far as weather and general conditions go. Our crops were all fairly successful and our cattle and swine have continued to do well. Our herd was tested for tuberculosis and again found to be free from disease.

New ideas in regard to the storage of vegetables put into effect this fall are without question going to reduce the waste and improve the quality of vegetables for winter.

We have continued to extend our orchard and we now have nearly 20 acres devoted to the production of fruit.

We already have begun clearing the land which was purchased during the spring of this year and it is hoped that by spring eight or ten acres of this will be ready for cultivation.

The following is a detail of the farm production:

Milk, 577,642½ lbs.; eggs, 5,668; asparagus, 3,206 lbs.; string beans, 20,405 lbs.; etc., 11,570 lbs.; Brussels sprouts, 100 lbs.; cabbage, 43,305 lbs.; carrots, 46,035 lbs.; cauliflower, 29 lbs.; celery, 2,846 lbs.; Swiss chard, 20,853 lbs.; sweet corn,

21,735 lbs.; cucumbers, 10,873 lbs.; lettuce, 2,648 lbs.; onions, 17,199 lbs.; parsnips 20,792½ lbs.; green peas, 1,890 lbs.; pumpkins, 18,859 lbs.; radishes, 439 lbs. rhubarb, 3,443 lbs.; spinach, 4,515 lbs.; summer squash, 8,205 lbs.; winter squash 43,840 lbs.; ripe tomatoes, 26,363 lbs.; green tomatoes, 9,950 lbs.; turnips, 25,56 lbs.; turnip greens, 1,460 lbs.; cantaloupes, 1,790 lbs.; first apples, 3,233 lbs. second apples, 23,823 lbs.; blackberries, 50 lbs.; cherries, 320 lbs.; currants, 75 lbs.; gooseberries, 704 lbs.; grapes, 882 lbs.; raspberries, 25 lbs.; strawberries, 4,06 lbs.; ensilage corn, 600,400 lbs.; beef, 7,782 lbs.; pork, 48,490 lbs.; liver, 1,216 lbs. chicken, 56 lbs.; fowl, 1,260 lbs.; broilers, 21,834 lbs.; grain, 218,388 lbs.; greenfeed 564,794 lbs.; mangels, 113,230 lbs.; potatoes, 152,455 lbs.

GROUNDS.

It has been rather difficult to keep our grounds at the main hospital in good condition during the past year due to an unusual amount of construction going on. Our lawns are improving somewhat but it would seem that if they are to be put in good condition parts of them will have to be plowed and reseeded. Much progress has been made in the grading in the vicinity of the storehouse and salvage yard. The plan which we have undertaken to carry out there, is a tremendous one and it is very gratifying to see it nearing completion. It is believed with proper landscaping that the salvage yard will not be an objectionable feature. We have started work on a plan submitted by our landscape engineer, including the grounds around the nurses' and married couples' homes. It is in this vicinity that we expect to build our first stretch of standard concrete road and sidewalk in the near future.

The main road has been kept in good repair by patching and sanding. The road from the front gate to the farm group has been entirely rebuilt and is now a very good gravel road. Quite a little work has been put into the road which formerly encircled the farm and it is now possible to drive an automobile completely around our cultivated fields.

The land between the buildings and the road at Lovering Colony has been transferred from garden to lawn and we now have the buildings flanked on all sides by orchards and separated from the road by a lawn. This, I believe, in the long run will add to the appearance of the Colony.

The lawns and grounds at the Borden Colony are showing constant improvement. The number of cut flowers and potted plants have continued to increase. During the past year we have started a nursery in which we have planted well over 1,000 small shrubs and trees. These were bought at the time when they were very cheap and will, no doubt, enable us to make better progress with our landscaping.

INDUSTRIAL DEPARTMENT.

This department has just finished a very successful year due chiefly to the competent people in charge of the various shops and the modern equipment of quarters in which they have to work.

The Sewing Room has moved its new quarters into the Industrial Building and after very careful consideration the Mending Room was moved from the previous quarters on the fourth floor in the Laundry to a room adjoining the Sewing Room. Both of these departments are now supervised by the head seamstress and it is believed that efficiency has been improved by this change.

During the coming year we hope to open our new furniture shop which will be the last unit in the completion of this department.

With the exception of the Sewing Room all of these shops are operated by patients under the direction of one teacher. The work they turn out is extremely satisfactory and it is difficult to estimate the mental and physical benefit to the patients employed.

The following is the detail of the work accomplished:

Main Industrial Shop — Made: 26 pails; 26 key chains; 8 coffee cans; 4 cake tins; 4 soup cans; 702 brooms; 8 door mats; 37 sauce tins; 2 dye cans; 4 trays; 12 dishpans; 195 brushes; 36 diet tins; 2 kettles; 2 copper inserts; 2 double boilers; 2 strainers; 2 floor scoops; 4 garbage cans; 3 teakettles; 2 bread tins; 59 meat tins; 16 ash cans; 3 vegetable kettles; 54 tin covers; 1 ice chest pan; 9 rubbish cans; 5 wash tubs; 1 tea urn; 1 milk can; 1 stew kettle; 2 tea cans; 2 rugs; 3 swill kettles.

wheel mats; 40 oatmeal tins; 3 teapots; 2 dippers; 2 colanders; 1 pr. hinges; funnel; 1 waste can; 2 sink sideboards; 3 bins; 6 dippers; 1 box cover; 2 stove; 2 stove slides; 12 bedpan covers; 131 ft. stove pipe; 3 cake tins; 22 garbage; 3 potato barrels; 3 dirt cans; 9 pails; 20 vegetable kettles; 15 sauce tins; oatmeal tins; 11 kettles; 2 washboilers; 3 steamers; 1 oil can; 5 ash barrels; in covers; 3 tea cans; 8 containers; 1 couch; 1 footstool; 1 cooler; 70 chairs; 520 ropes braided; 5 rope mats braided.

Repaired: 63 meat tins; 12 soup cans; 39 coffee cans; 28 roast pans; 15 ice cream; 6 chairs; 11 thermos bottles; 9 dishpans; 4 strainers; 2 teakettles; 6 dip-; 6 double boilers; 1 metal drip; 3 lamps; 9 milk cans; 2 baskets; 5 coffee urns; teapots; 1 elevator shaft; 1 basement elevator; 1 Ford Sedan door; 1 table; alt bin; 4 ice chests; 1 bottle opener; 1 vacuum tank; 1 dump rack; 1 furnace; ank; 1 crib; 2 tubes; 1 bed screen; 1 oven; bread cutter spring; 1 flour sieve; itchers; 1 divan; 8 couches; 24 chairs; 1 hassock; 9 cushions; 3 rockers; 1 lounge; avenport; 13 mattress pads.

Tailor Shop — Made: 379 coats; 315 pants; 276 suspenders; 178 rugs; 1 overcoat; overalls; 1 police uniform; 30 aprons; 24 mittens. Repaired and pressed: carpets; 2,392 coats; 2,896 pants; 1,627 vests; 3 horse blankets; 3 sand bags; ack mattresses; 116 suits; 32 rugs; 95 blankets; 1 piano cover; 40 private cloth-; 270 overalls; 17 tub covers.

Mattress Shop — Made: 1,020 mattresses; 492 pillows. Picked: 1,900 lbs. hair; mattress pads.

Sewing Room: 2,328 dresses; 210 strong dresses; 257 women's white slips; women's flannelette slips; 168 women's long sleeve nightgowns; 667 women's ort sleeved nightgowns; 432 women's B.V.D.'s; 60 white aprons; 146 women's ored aprons; 24 women's flannelette jackets; 67 women's flannelette pajama kets; 55 women's flannelette pajama pants; 52 women's flannelette hoods; . women's flannelette boots; 726 men's colored shirts; 208 men's nightshirts; 239 n's bed shirts; 60 men's white shirts; 42 men's khaki shirts; 78 men's trousers; men's ticking trousers; 300 men's B.V.D.'s; 2 white dresses for M. A. Rodgers; overing for moving picture machine; 6 petticoats for boarding patients; 113 s for infirmary; 25 tub hammocks (male); 16 tub hammocks (female); 16 tub ers; 14 valances; 1 Indian costume; 1 Martha Washington costume; 24 dentist s; 14 dentist gowns; 4 bed puffs; 132 bibs; 10 bandages; 238 mattress ticks; lannel bands; 18 druggist gowns; 60 puff covers; 12 rayon curtains; 12 door tains; 2 sash curtains for treatment ward; 38 white aprons for bakeshop; 90 s for bakeshop; 80 screen covers; 18 screen covers (male hydro); 16 screen ers (female hydro); 6 screen covers for receiving room; 20 screen covers for in- ary; 12 screen covers for female pack room; 10 screen covers for B. I. 1; 8 screen ers for B. I. 2; 2 apron dresses; 4 aprons; 24 leggings for operating room; 16 ns for operating room; 20 laboratory aprons; 6 shampoo aprons; 6 white ons for kitchen; 1,188 attendants' pillow slips; 426 attendants' sheets; 2,287 rd sheets; 529 draw sheets; 180 pack sheets; 34 tiebacks; 18 napkins; 684 at- dants' pillow slips; 54 fomentation cloths; 84 hydro pillow slips; 4 ice bags; yards of cloth to Occupational Therapy Department; 6¾ yards of cloth for ons; 3 yards dotted muslin; 22 ruffled curtains; 77 bed pan covers; 444 window des; 6 bands; 8 rayon curtains; 6 overdrapes; 3 valances; 105 tablecloths; 13 n tablecloths; 2 tablecloths; 19 tablecloths for Davis Street Colony; 12 table- ls for Mrs. Smalley; 4 tablecloths for Borden Colony; 183 ticking pillow slips; ticking aprons; 30 ticking mittens; 30 ticking suspenders; 42 ticking pads; laundry bags (ticking); 54 white laundry bags; 12 colored laundry bags; bath mitts; 216 bath towels; 1,300 dish towels; 24 dentist towels; 2,010 attend- ' towels; 108 white edged towels for Mrs. Fulton; 12 towels for bakeshop; verings for bakeshop; 84 officers' sheets; 162 officers' dish towels; 12 baby , 12 baby dresses; 6 baby bands; 3 baby Gertrudes; 30 baby diapers; 24 breast ers; 24 male T binders; 30 female T binders; 114 shroud sheets; 180 shroud res; 72 sheets for female hydro; 24 sheets for male hydro; 18 mop bags; 154 curtains; 6 curtains; 26 hemstitched curtains; 8 long curtains; 20 long curtains, den Colony; 8 long curtains; 148 coffee bags.

Mending Room: 21,082 aprons; 99 bathrobes; 95 blankets; 262 B.V.D.'s; 4 et covers; 4 curtains; 5,313 drawers; 9,198 dresses; 2,009 laundry bags; 93

mattress ticks; 11,613 nightgowns; 459 overalls; 1,961 petticoats; 728 pillow slips; 10 pillow ticks; 48 puff covers; 6 shawls; 3,624 sheets; 6,772 shirts; 1,028 spreads; 1,784 stockings; 33 sweaters; 394 towels; 30 tablecloths; 290 trousers; 43 tub covers; 116 union suits; 441 white coats.

Shoe Shop: 607 prs. men's shoes; 204 prs. women's shoes; 290 prs. slippers; 1,788 prs. rubber heels put on; 14 prs. harness straps. Repaired: 239 rubber heels; 253 prs. leather heels; 132 prs. heel linings; 100 prs. rubber lifts put on; 53 harness straps; 930 prs. taps; 228 prs. uppers; 178 prs. soles; 200 prs. rips; 15 auto curtains; 11 prs. baseball shoes; 6 halters; 4 pieces rubber matting; 4 prs. shoes; 1 pr. pocket.

REPAIRS ORDINARY.

It is gratifying to report that the general repairs of the plant are showing improvement. We have done much renovating during the past year and at present time practically all of our quarters for patients are in good condition. Bathrooms, clothing rooms, lavatories and toilets are being renovated as fast as possible and wooden floors are being replaced by fireproof floors. This work is being pushed as rapidly as possible on the first floor as it will, without question, be a great protection against a fire which might start in the basement.

As in years past much of the time of our mechanics has been spent on new work.

REPAIRS AND RENEWALS.

With the appropriation under this heading we have been able to relocate bathroom rooms on Female Wards 4, 5, 6. The patients there now have their choice of either a shower or tub bath.

A snowplow attachment for our truck was purchased and we are now able to clean our roads much quicker than previously.

A 48-inch extractor replaced three small worn-out ones in the laundry.

Our laying houses were completely renovated and work on the renovation of Kenney House has been started.

The projects of changing locks and screens on windows have been continued and several worn-out gas ranges replaced.

A planer and a band saw were installed in the Carpenter Shop and several new electric refrigerators in the wards.

We were also able to begin work on a plan for draining certain fields at Raynham Colony Farm.

The necessary material for installing fireproof floors on Female 4 was purchased but because of the inability to vacate the ward this work was put off until next year.

The items requested under this heading in next year's budget are extremely important and we hope that next year's appropriations will be as satisfactory as this has been.

ACKNOWLEDGMENTS.

In conclusion, permit me to express my appreciation to all those who have made donations to our Library and Christmas Fund during the past year, and to the organizations and societies who have aided in the entertainment of our patients. I am extremely grateful to the members of the Board for their unfailing interest and advice, and deeply indebted to the employees of the institution who by their efforts have made the work of this year possible.

VALUATION.

November 30, 1928.

REAL ESTATE.

1,380 acres	\$55,285.00
Buildings	906,937.40
	<hr/>
	\$962,222.40

PERSONAL PROPERTY.

Travel, transportation and office expenses	\$2,500.00
	6,940.62
Printing and materials	21,978.61
Furnishings and household supplies	108,962.40
Medical and general care	19,533.64
Heat, light and power	12,711.91
	41,682.86
Stables and grounds	7,459.04
Repairs	16,233.71
	<hr/>
	\$238,002.79

SUMMARY.

Real estate	\$962,222.40
Personal property	238,002.79
	<hr/>
	\$1,200,225.19

FINANCIAL REPORT.

the Department of Mental Diseases:

respectfully submit the following report of the finances of this institution for the fiscal year ending November 30, 1928.

CASH ACCOUNT.

Receipts.

Income.	
Board of Patients	\$81,899.91
	<hr/>
	\$81,899.91
Personal Services:	
Labor of employees	196.60
Expenses:	
Clothing and materials	\$21.10
Furnishings and household supplies	1.37
Medical and general care	8.75
Heat, light and power	36.88
Farm:	
Cows and calves	324.22
Pigs and hogs	
Hides	74.70
Sundries	11.41
Garage, stable and grounds	1.17
Repairs, ordinary	625.77
Trucking	5.00
	<hr/>
Total sales	1,110.37
Miscellaneous:	
Interest on bank balances	\$417.15
Rent	477.50
	<hr/>
	\$894.65
Board of employees	277.75
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Total income	\$84,379.28

MAINTENANCE.

Balance from previous year, brought forward	\$7,242.16
Appropriations, current year:	
Original	570,620.00
Additional	4,550.00
	<hr/>
Total	\$582,412.16
Less (as analyzed below)	562,749.24
	<hr/>
Balance reverting to Treasury of Commonwealth	\$19,662.92

Analysis of Expenses.

Personal services	\$285,265.13
Public instruction	1,790.00
Travel, transportation and office expenses	6,188.74
	103,759.33
Printing and materials	17,747.91
Furnishings and household supplies	30,922.26
Medical and general care	19,095.34
Heat and power	33,695.63
	29,544.38
Stable and grounds	4,868.62
Repairs, ordinary	14,654.24
Repairs and renewals	15,217.66
	<hr/>
Total expenses for Maintenance	\$562,749.24

SPECIAL APPROPRIATIONS.					
Balance December 1, 1927					\$52,80
Appropriations for current year					124,00
Total					\$176,80
Expended during the year (see statement below)				\$59,734.85	
Reverting to Treasury of Commonwealth				84.77	
					\$59,819
Balance November 30, 1928, carried to next year					\$116,98

OBJECT.	Act or Resolve.	Whole Amount.	Expended During Fiscal Year.	Total Expended to Date.	Balance at End of Year.
2 Officers' Cottages	1926-79	\$12,000.00	-	\$11,999.38	\$0.
Remodelling Certain Buildings	1926-79	55,000.00	\$580.47	54,915.85	84.
Completion of Storehouse	1927-138	45,000.00	26,166.89	44,223.32	776.
Storehouse Equipment	1927-138	7,500.00	4,988.57	4,988.57	2,511.
Construction of Bakeshop	1927-138	32,000.00	12,824.63	31,972.86	27.
Employees' Cottage	1927-138	28,000.00	10,507.59	27,974.16	25.
Furnishing Officers' Cottage	1927-138	3,500.00	1,314.18	3,499.39	.
Renovation of Rear Hospital Center	1928-127	113,000.00	58.15	58.15	112,941.
Certain Land	1928-127	4,000.00	3,294.37	3,294.37	705.
		\$300,000.00	\$59,734.85	\$182,926.05	\$117,073.

Balance reverting to Treasury of the Commonwealth during year (mark item with*)	\$8
Balance carried to next year	\$116,98
Total as above	\$117,07

PER CAPITA.

During the year the average number of inmates has been 1,479.2632.
Total cost for maintenance, \$562,749.24.
Equal to a weekly per capita cost of \$7.2758 (52 weeks to year).
Receipt from sales, \$1,105.37.
Equal to a weekly per capita of \$.0140.
All other institution receipts, \$83,273.91.
Equal to a weekly per capita of \$1.0766.
Net weekly per capita \$6.1852.

Respectfully submitted,
FRANK W. BOYNTON, *Treasurer*

STATISTICAL TABLES.

AS ADOPTED BY THE AMERICAN PSYCHIATRIC ASSOCIATION.
PRESCRIBED BY THE MASSACHUSETTS DEPARTMENT OF MENTAL DISEASE

TABLE 1. *General Information.*

Data correct at end of hospital year, November 30, 1928.

1. Date of <i>opening</i> as a hospital for mental diseases, 1854.									
2. Type of hospital: State.									
3. Hospital plant:									
Value of hospital property:									
Real estate, including buildings								\$962,22	
Personal property								238,00	
Total								\$1,200,22	
Total acreage of hospital property owned, 380 acres.									
Total acreage under cultivation during previous year, 146 acres.									
4. Officers and employees:									
	Actually in Service at End of Year.			Vacancies at End of Year.					
	M.	F.	T.	M.	F.				
Superintendents	1	-	1	-	-				
Assistant physicians	7	1	8	2	-				
Total physicians	8	1	9	2	-				
Stewards	-	-	-	1	-				
Resident dentists	1	-	1	-	-				
Pharmacists	-	1	1	-	-				
Graduate nurses	2	13	15	1	4				
Other nurses and attendants	73	67	140	9	4				
Occupational therapists	-	3	3	-	-				
Social workers	-	2	2	-	1				
All other officers and employees	64	55	119	1	4				
Total officers and employees	148	142	290	14	13				

NOTE: — The following items, 5–9, inclusive, are for the year ended September 30, 1928.

Census of patient population at end of year:

	Actually in Hospital.			Absent from Hospital but Still on Books.		
	M.	F.	T.	M.	F.	T.
White:						
Insane	698	717	1,415	99	101	200
Mental defectives	—	3	3	—	—	—
All other cases	2	1	3	—	—	—
Total	700	721	1,421	99	101	200
Other races:						
Insane	21	21	42	2	1	3
Total	21	21	42	2	1	3
Grand total	721	742	1,463	101	102	203
Patients under treatment in occupational-therapy classes, including physical training, on date of report	—	—	—	—	—	—
Other patients employed in general work of hospital on date of report	—	—	—	—	—	—
Average daily number of all patients actually in hospital during year	690.805	772.736	1,463.541			
Voluntary patients admitted during year	1	1	2			

TABLE 2. *Financial Statement.*

See treasurer's report for data requested under this table.

TABLE 4. *Nativity of First Admissions and of Parents of First Admissions.*

NATIVITY.	PATIENTS.			PARENTS OF MALE PATIENTS.			PARENTS OF FEMALE PATIENTS.		
	M.	F.	T.	Fathers.	Mothers.	Both Parents.	Fathers.	Mothers.	Both Parents.
United States	127	68	195	66	67	60	43	47	41
Canada	2	—	2	—	2	2	—	—	—
England ¹	24	19	43	31	32	27	23	23	20
Scotland	—	—	—	1	—	—	—	—	—
Ireland	—	—	—	—	—	—	1	—	—
France	9	13	22	15	14	12	18	15	13
Germany	1	3	4	1	1	1	3	—	3
Italy	—	1	1	1	—	—	1	1	1
Austria	—	4	4	—	1	—	4	5	4
Spain	4	—	4	4	4	4	—	3	—
Portugal	—	—	—	2	—	—	—	—	—
Sweden	9	8	17	27	29	24	18	17	16
Norway	5	3	8	7	7	7	4	4	4
Denmark	—	1	1	—	—	—	1	1	1
Belgium	2	4	6	2	2	2	4	4	4
Holland	22	16	38	30	28	27	18	18	18
Prussia	1	—	1	1	1	1	—	—	—
Poland	2	5	7	2	1	1	5	5	5
Russia	3	1	4	6	5	4	3	2	2
South America	1	—	1	—	—	—	—	—	—
Central America	2	—	2	4	5	4	—	—	—
West Indies	—	1	1	—	—	—	1	1	1
Other countries	—	—	—	—	—	—	—	1	—
Uncertain	3	2	5	2	2	2	2	1	1
Total	1	—	1	16	17	13	—	1	—
Total	218	149	367	218	218	191	149	149	134

¹ Includes Newfoundland.² Except Cuba and Porto Rico.

TABLE 5. *Citizenship of First Admissions.*

	Males.	Females.	Total.
Citizens by birth	127	68	195
Citizens by naturalization	32	32	64
Aliens	53	46	99
Citizenship unascertained	6	3	9
Total	218	149	367

TABLE 6. *Psychoses of First Admissions.*

PSYCHOSES.	M.	F.	T.	M.	F.	T.
1. Traumatic psychoses				1	—	1
2. Senile psychoses				22	17	39
3. Psychoses with cerebral arteriosclerosis				24	12	36
4. General paralysis				19	5	24
5. Psychoses with cerebral syphilis				2	—	2
6. Psychoses with Huntington's chorea				—	1	1
7. Psychoses with brain tumor						
8. Psychoses with other brain or nervous diseases, total				3	1	4
Other diseases	3	1	4			
9. Alcoholic psychoses				32	4	36
Korsakow's psychosis	6	1	7			
Acute hallucinosis	11	—	11			
Other types, acute or chronic	15	3	18			
10. Psychoses due to drugs and other exogenous toxins, total						
Psychoses with pellagra						
11. Psychoses with other somatic diseases, total				5	—	5
Other diseases or conditions	5	—	5			
12. Manic-depressive psychoses, total				8	13	21
Manic type	3	7	10			
Depressive type	4	3	7			
Other types	1	3	4			
13. Involution melancholia				11	15	26
14. Dementia præcox (schizophrenia)				50	42	92
15. Paranoia and paranoid conditions				8	9	17
16. Epileptic psychoses				4	2	6
17. Psychoneuroses and neuroses, total				5	4	9
Hysterical type	1	—	1			
Psychasthenic type (anxiety and obsessive forms)	2	2	4			
Neurasthenic type	1	2	3			
Other types	1	—	1			
18. Psychoses with psychopathic personality				2	1	3
19. Psychoses with mental deficiency				5	3	8
20. Undiagnosed psychoses				16	20	36
21. Without psychosis, total				1	—	1
Others	1	—	1			
Total				218	149	367

TABLE 7. Race of First Admissions Classified with Reference to Principal Psychoses.

RACE.	Total.			Traumatic.			Senile.			With cerebral arterio-sclerosis.			General paralysis.			With cerebral syphilis.		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
African (black)	6	2	8	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-
Armenian	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
English	76	51	127	1	-	1	11	9	20	12	6	18	4	2	6	-	-	-
Finnish	1	3	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
French	28	22	50	-	-	-	3	1	4	-	1	1	5	2	7	1	-	1
German	-	5	5	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-
Hebrew	-	4	4	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
Irish	58	21	79	-	-	-	5	2	7	8	1	9	3	-	3	-	-	-
Italian ¹	8	5	13	-	-	-	-	-	-	-	1	1	3	-	3	-	-	-
Magyar	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Portuguese	4	14	18	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-
Scandinavian ²	1	2	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Scotch	3	1	4	-	-	-	1	1	2	1	-	1	-	-	-	-	-	-
Slavonic ³	10	8	18	-	-	-	1	-	1	1	-	1	2	-	2	-	-	-
Mixed	16	8	24	-	-	-	1	1	2	1	2	3	1	1	2	1	-	1
Race unascertained	7	1	8	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-
Total	218	149	367	1	-	1	22	17	39	24	12	36	19	5	24	2	-	2

¹ Includes "North" and "South."

² Norwegians, Danes and Swedes.

³ Includes Bohemian, Bosnian, Croatian, Dalmatian, Herzegovinian, Montenegrin, Moravian, Polish, Russian, Ruthenian, Servian, Slovak, Slovenian.

TABLE 7. Race of First Admissions Classified with Reference to Principal Psychoses — Continued.

RACE.	With Huntington's chorea.			With brain tumor.			With other brain or nervous diseases.			Alcoholic.			Due to drugs and other exogenous toxins.			With pellagra.		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
African (black)	-	-	-	-	-	-	-	-	-	2	-	2	-	-	-	-	-	-
Armenian	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
English	-	-	-	-	-	-	1	-	1	8	-	8	-	-	-	-	-	-
Finnish	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
French	-	-	-	-	-	-	1	1	2	6	-	6	-	-	-	-	-	-
German	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hebrew	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Irish	-	-	-	-	-	-	-	-	-	11	2	13	-	-	-	-	-	-
Italian ¹	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Magyar	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Portuguese	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Scandinavian ²	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Scotch	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Slavonic ³	-	-	-	-	-	-	-	-	-	2	1	3	-	-	-	-	-	-
Mixed	-	-	-	-	-	-	1	-	1	1	1	2	-	-	-	-	-	-
Race unascertained	-	-	-	-	-	-	-	-	-	2	-	2	-	-	-	-	-	-
Total	-	1	1	-	-	-	3	1	4	32	4	36	-	-	-	-	-	-

¹ Includes "North" and South."

² Norwegians, Danes and Swedes.

³ Includes Bohemian, Bosnian, Croatian, Dalmatian, Herzegovinian, Montenegrin, Moravian, Polish, Russian, Ruthenian, Servian, Slovak, Slovenian.

TABLE 7. *Race of First Admissions Classified with Reference to Principal Psychoses — Continued.*

RACE.	With other somatic diseases.			Manic- depressive.			Involution melan- cholia.			Dementia præcox.			Paranoia and paranoid conditions.			Epileptic psychoses.		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
an (black)	-	-	-	-	-	-	-	-	-	2	1	3	-	-	-	-	-	-
enian	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ish	2	-	2	3	3	6	7	5	12	11	12	23	1	-	1	3	1	4
ish	-	-	-	-	-	-	-	1	1	-	1	1	-	-	-	-	-	-
ch	1	-	1	1	1	2	2	3	5	4	9	13	2	2	4	-	-	-
an	-	-	-	-	1	1	-	-	-	-	2	2	-	-	-	-	-	-
ew	-	-	-	-	-	-	-	-	-	-	2	2	-	-	-	-	-	-
	-	-	-	3	5	8	1	3	4	18	-	18	4	5	9	-	1	1
an ¹	1	-	1	1	-	1	-	2	2	2	2	4	-	-	-	-	-	-
yar	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-
uguese	-	-	-	-	-	-	-	1	1	3	7	10	-	1	1	-	-	-
dinavian ²	-	-	-	-	1	1	-	-	-	1	1	2	-	-	-	-	-	-
ch	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
onic ³	-	-	-	-	1	1	1	-	1	2	2	4	1	-	1	-	-	-
d	1	-	1	-	1	1	-	-	-	5	1	6	-	1	1	1	-	1
unascertained	-	-	-	-	-	-	-	-	-	2	1	3	-	-	-	-	-	-
Total	5	-	5	8	13	21	11	15	26	50	42	92	8	9	17	4	2	6

¹ Includes "North" and "South."² Norwegians, Danes and Swedes.³ Includes Bohemian, Bosnian, Croatian, Dalmatian, Herzegovinian, Montenegrin, Moravian, Polish, Russian, Ruthenian, Servian, Slovak, Slovenian.TABLE 7. *Race of First Admissions Classified with Reference to Principal Psychoses — Concluded..*

RACE.	Psycho- neuroses and neuroses.			With psycho- pathic personality.			With mental deficiency.			Un- diagnosed psychoses.			Without psychosis.		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
an (black)	-	-	-	1	-	1	-	1	1	-	-	-	-	-	-
enian	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-
ish	3	3	6	-	1	1	2	2	4	7	7	14	-	-	-
ish	-	-	-	-	-	-	-	-	-	1	1	2	-	-	-
ch	1	-	1	-	-	-	-	-	-	1	2	3	-	-	-
an	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-
ew	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	1	-	1	-	-	-	-	-	-	4	2	6	-	-	-
an ¹	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-
yar	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
uguese	-	-	-	-	-	-	-	-	-	1	3	4	-	-	-
dinavian ²	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ch	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-
onic ³	-	1	1	-	-	-	-	-	-	-	3	3	-	-	-
d	-	-	-	-	-	-	2	-	2	-	-	-	1	-	1
unascertained	-	-	-	1	-	1	1	-	1	-	-	-	-	-	-
Total	5	4	9	2	1	3	5	3	8	16	20	36	1	-	1

¹ Includes "North" and "South."² Norwegians, Danes and Swedes.³ Includes Bohemian, Bosnian, Croatian, Dalmatian, Herzegovinian, Montenegrin, Moravian, Polish, Russian, Ruthenian, Servian, Slovak, Slovenian.

TABLE 8. Age of First Admissions Classified with Reference to Principal Psychoses.

PSYCHOSES.	Total.			Under 15 years.			15-19 years.			20-24 years.			25-29 years.		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
2. Senile	22	17	39	-	-	-	-	-	-	-	-	-	-	-	-
3. With cerebral arteriosclerosis	24	12	36	-	-	-	-	-	-	-	-	-	-	-	-
4. General paralysis	19	5	24	-	-	-	-	-	-	-	-	-	1	-	-
5. With cerebral syphilis	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-
6. With Huntington's chorea	-	1	1	-	-	-	-	-	-	1	1	-	-	-	-
7. With brain tumor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8. With other brain or nervous diseases	3	1	4	-	-	-	-	1	1	-	-	-	-	-	-
9. Alcoholic	32	4	36	-	-	-	-	-	-	-	-	-	-	-	-
10. Due to drugs and other exogenous toxins	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11. With pellagra	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12. With other somatic diseases	5	-	5	-	-	-	-	-	-	-	-	-	1	-	-
13. Manic-depressive	8	13	21	-	-	-	1	1	2	-	1	-	1	1	-
14. Involution melancholia	11	15	26	-	-	-	-	-	-	-	-	-	-	-	-
15. Dementia præcox	50	42	92	1	-	1	6	2	8	11	9	20	13	9	2
16. Paranoia and paranoid conditions	8	9	17	-	-	-	-	-	-	-	-	-	-	-	-
17. Epileptic psychoses	4	2	-	-	-	-	-	-	-	-	-	-	2	-	-
18. Psychoneuroses and neuroses	5	4	9	-	-	-	-	-	-	1	-	1	-	-	-
19. With psychopathic personality	2	1	3	-	-	-	-	-	-	-	-	-	-	-	-
20. With mental deficiency	5	3	8	-	-	-	-	-	-	1	-	1	2	1	-
21. Undiagnosed psychoses	16	20	36	-	-	-	-	-	-	1	-	1	-	1	-
22. Without psychosis	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Total	218	149	367	1	-	1	7	4	11	14	11	25	20	12	3

TABLE 8. Age of First Admissions Classified with Reference to Principal Psychoses — Continued.

PSYCHOSES.	30-34 years.			35-39 years.			40-44 years.			45-49 years.			50-54 years.		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2. Senile	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
3. With cerebral arteriosclerosis	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-
4. General paralysis	6	1	7	4	2	6	4	1	5	2	-	2	-	-	-
5. With cerebral syphilis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6. With Huntington's chorea	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7. With brain tumor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8. With other brain or nervous diseases	-	-	-	-	-	-	-	-	-	1	-	1	1	-	-
9. Alcoholic	5	-	5	7	-	7	5	1	6	3	1	4	3	1	-
10. Due to drugs and other exogenous toxins	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11. With pellagra	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12. With other somatic diseases	-	-	-	1	-	-	-	-	-	-	-	-	1	-	-
13. Manic-depressive	-	-	-	2	3	5	1	2	3	1	1	2	-	2	-
14. Involution melancholia	-	-	-	-	1	1	2	-	2	1	5	6	4	3	-
15. Dementia præcox	5	9	14	3	3	6	2	4	6	7	2	9	2	4	-
16. Paranoia and paranoid conditions	1	-	1	-	1	1	2	2	4	-	2	2	1	-	-
17. Epileptic psychoses	-	-	-	-	1	1	1	-	1	1	-	1	-	-	-
18. Psychoneuroses and neuroses	-	1	1	1	1	2	2	-	2	1	1	2	-	-	-
19. With psychopathic personality	2	1	3	-	-	-	-	-	-	-	-	-	-	-	-
20. With mental deficiency	-	1	1	-	1	1	2	-	2	-	-	-	-	-	-
21. Undiagnosed psychoses	-	3	3	1	2	3	3	3	6	-	3	3	4	3	-
22. Without psychosis	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-
Total	19	16	35	20	15	35	24	13	37	17	15	32	19	13	3

TABLE 8. *Age of First Admissions Classified with Reference to Principal Psychoses — Concluded.*

PSYCHOSES.	55-59 years.			60-64 years.			65-69 years.			70 years and over.			Unascertained.		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Automatic	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Idiopathic	-	-	-	-	1	1	1	-	1	20	16	36	-	-	-
With cerebral arteriosclerosis	3	2	5	5	3	8	2	2	4	12	5	17	-	-	-
General paralysis	-	-	-	-	1	1	2	-	2	-	-	-	-	-	-
With cerebral syphilis	1	-	1	1	-	1	-	-	-	-	-	-	-	-	-
With Huntington's chorea	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
With brain tumor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
With other brain or nervous diseases	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-
Alcoholic	4	1	5	-	-	-	5	-	5	-	-	-	-	-	-
Due to drugs and other exogenous toxins	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
With pellagra	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
With other somatic diseases	1	-	1	-	-	-	-	-	-	1	-	1	-	-	-
Manic-depressive	1	-	1	-	-	-	1	-	1	-	2	2	-	-	-
Evolution melancholia	2	2	4	2	1	3	-	3	3	-	-	-	-	-	-
Dementia præcox	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Paranoia and paranoid conditions	-	2	2	3	2	5	1	-	1	-	-	-	-	-	-
Epileptic psychoses	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
Psychoneuroses and neuroses	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
With psychopathic personality	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
With mental deficiency	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Undiagnosed psychoses	3	2	5	3	1	4	-	-	-	1	2	3	-	-	-
Without psychosis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	16	9	25	15	11	26	12	5	17	34	25	59	-	-	-

TABLE 9. *Degree of Education of First Admissions Classified with Reference to Principal Psychoses.*

PSYCHOSES.	Total.			Illiterate.			Reads and Writes. ¹			Common School.			High School.			College.			Unascertained.		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	1	-	1	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-
2. Senile	22	17	39	4	2	6	5	8	13	9	5	14	1	2	3	1	-	1	2	-	2
3. With cerebral arteriosclerosis	24	12	36	1	-	-	6	2	8	14	7	21	1	3	4	1	-	1	1	-	1
4. General paralysis	19	5	24	2	-	2	3	-	3	13	4	17	-	1	1	1	-	1	-	-	-
5. With cerebral syphilis	2	-	2	-	-	-	-	-	-	2	-	1	-	-	-	-	-	-	-	-	-
6. With Huntington's chorea	-	1	1	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
7. With brain tumor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8. With other brain or nervous diseases	3	1	4	-	-	-	1	-	-	1	1	2	-	-	-	-	-	-	1	-	1
9. Alcoholic	32	4	36	1	-	1	7	-	7	21	4	25	2	-	2	-	-	-	1	-	1
10. Due to drugs and other exogenous toxins	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11. With pellagra	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12. With other somatic diseases	5	-	5	-	-	-	2	-	2	3	-	3	-	-	-	-	-	-	-	-	-
13. Manic-depressive	21	13	34	1	2	3	4	4	8	4	4	8	2	1	3	-	1	1	1	1	2
14. Involution melancholia	11	15	26	-	-	-	1	2	3	10	9	19	-	1	1	-	-	-	-	-	-
15. Dementia præcox	50	42	92	-	3	3	7	6	13	32	24	56	9	6	15	1	1	2	1	2	3
16. Paranoia and paranoid conditions	8	9	17	1	1	2	2	2	4	2	6	8	1	-	1	1	-	1	1	-	1
17. Epileptic psychoses	4	2	6	-	-	-	-	1	1	4	1	5	-	-	-	-	-	-	-	-	-
18. Psychoneuroses and neuroses	5	4	9	-	-	-	-	1	1	5	1	6	-	1	1	-	-	1	-	1	1
19. With psychopathic personality	2	1	3	-	-	-	-	-	-	2	1	3	-	-	-	-	-	-	-	-	-
20. With mental deficiency	5	3	8	2	2	4	1	-	1	2	1	3	-	-	-	-	-	-	-	-	-
21. Undiagnosed psychoses	16	20	36	3	3	3	4	4	8	11	9	20	1	3	4	-	1	1	-	-	-
22. Without psychosis	1	-	1	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-
Total	218	149	367	12	16	28	39	30	69	137	78	215	17	18	35	5	3	8	8	4	12

¹ Includes those who did not complete fourth grade in school.

TABLE 10. *Environment of First Admissions Classified with Reference to Principal Psychoses.*

PSYCHOSES.	Total.			Urban.			Rural.			Unascertained.		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Traumatic	1	-	1	1	-	1	-	-	-	-	-	-
Senile	22	17	39	20	15	35	2	2	4	-	-	-
With cerebral arteriosclerosis	24	12	36	22	10	32	2	2	4	-	-	-
General paralysis	19	5	24	16	4	20	3	1	4	-	-	-
With cerebral syphilis	2	-	2	2	-	2	-	-	-	-	-	-
With Huntington's chorea	-	1	1	-	1	1	-	-	-	-	-	-
With brain tumor	-	-	-	-	-	-	-	-	-	-	-	-
With other brain or nervous diseases	3	1	4	1	1	2	1	-	1	1	-	1
Alcoholic	32	4	36	28	4	32	4	-	4	-	-	-
Due to drugs and other exogenous toxins	-	-	-	-	-	-	-	-	-	-	-	-
With pellagra	-	-	-	-	-	-	-	-	-	-	-	-
With other somatic diseases	5	-	5	4	-	4	1	-	1	-	-	-
Manic-depressive	8	13	21	7	12	19	1	1	2	-	-	-
Involution melancholia	11	15	26	11	15	26	-	-	-	-	-	-
Dementia præcox	50	42	92	47	41	88	3	1	4	-	-	-
Paranoia and paranoid conditions	8	9	17	7	8	15	1	1	2	-	-	-
Epileptic psychoses	4	2	6	3	2	5	1	-	1	-	-	-
Psychoneuroses and neuroses	5	4	9	5	4	9	-	-	-	-	-	-
With psychopathic personality	2	1	3	1	1	2	1	-	1	-	-	-
With mental deficiency	5	3	8	3	2	5	2	1	3	-	-	-
Undiagnosed psychoses	16	20	36	15	20	35	1	-	1	-	-	-
Without psychosis	1	-	1	1	-	1	-	-	-	-	-	-
Total	218	149	367	194	140	334	23	9	32	1	-	1

TABLE 11. *Economic Condition of First Admissions Classified with Reference to Principal Psychoses.*

PSYCHOSES.	Total.			Dependent.			Marginal.			Comfortable.			Unascertained.		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Traumatic	1	-	1	-	-	-	1	-	1	-	-	-	-	-	-
Senile	22	17	39	10	4	14	10	11	21	1	2	3	1	-	1
With cerebral arteriosclerosis	24	12	36	5	1	6	18	9	27	1	2	3	-	-	-
General paralysis	19	5	24	4	1	5	15	4	19	-	-	-	-	-	-
With cerebral syphilis	2	-	2	-	-	-	2	-	2	-	-	-	-	-	-
With Huntington's chorea	-	1	1	-	-	-	-	1	-	-	-	-	-	-	-
With brain tumor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
With other brain or nervous diseases	3	1	4	1	-	1	1	1	2	-	-	-	1	-	1
Alcoholic	32	4	36	9	-	9	21	4	25	2	-	2	-	-	-
Due to drugs and other exogenous toxins	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
With pellagra	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
With other somatic diseases	5	-	5	3	-	3	2	-	2	-	-	-	-	-	-
Manic-depressive	8	13	21	-	-	-	7	11	18	1	2	3	-	-	-
Involution melancholia	11	15	26	-	-	-	11	13	24	-	1	1	-	1	1
Dementia præcox	50	42	92	6	2	8	43	38	81	1	-	1	-	2	2
Paranoia and paranoid conditions	8	9	17	-	-	-	7	9	16	-	-	-	1	-	1
Epileptic psychoses	4	2	6	-	-	-	4	2	6	-	-	-	-	-	-
Psychoneuroses and neuroses	5	4	9	1	-	1	4	4	8	-	-	-	-	-	-
With psychopathic personality	2	1	3	1	-	1	1	1	2	-	-	-	-	-	-
With mental deficiency	5	3	8	3	1	4	2	2	4	-	-	-	-	-	-
Undiagnosed psychoses	16	20	36	4	2	6	11	18	29	1	-	1	-	-	-
Without psychosis	1	-	1	-	-	-	1	-	1	-	-	-	-	-	-
Total	218	149	367	47	11	58	161	128	289	7	7	14	3	3	6

TABLE 12. *Use of Alcohol by First Admissions Classified with Reference to Principal Psychoses.*

PSYCHOSES.	Total.			Abstinent.			Temperate.			Intemperate.			Unascertained.		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	1	-	1	1	-	1	-	-	-	-	-	-	-	-	-
2. Senile	22	17	39	8	16	24	5	1	6	9	-	9	-	-	-
3. With cerebral arteriosclerosis	24	12	36	10	11	21	7	1	8	7	-	7	-	-	-
4. General paralysis	19	5	24	4	2	6	8	1	9	6	1	7	1	1	1
5. With cerebral syphilis	2	-	2	1	-	1	-	-	-	1	-	1	-	-	-
6. With Huntington's chorea	-	1	1	-	1	1	-	-	-	-	-	-	-	-	-
7. With brain tumor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8. With other brain or nervous diseases	3	1	4	2	1	3	-	-	-	1	-	1	-	-	-
9. Alcoholic	32	4	36	2	-	2	1	-	1	29	4	33	-	-	-
10. Due to drugs and other exogenous toxins	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11. With pellagra	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12. With other somatic diseases	5	-	5	-	-	-	-	-	-	5	-	5	-	-	-
13. Manic-depressive	8	13	21	5	8	13	2	4	6	1	1	2	-	-	-
14. Involution melancholia	11	15	26	3	13	16	4	1	5	4	-	4	-	1	1
15. Dementia præcox	50	42	92	29	29	58	11	9	20	10	1	11	-	-	3
16. Paranoia and paranoid conditions	8	9	17	2	5	7	3	3	6	1	1	2	2	-	-
17. Epileptic psychoses	4	2	6	3	2	5	-	-	-	1	-	1	-	-	-
18. Psychoneuroses and neuroses	5	4	9	3	4	7	2	-	2	-	-	-	-	-	-
19. With psychopathic personality	2	1	3	-	1	1	2	-	2	-	-	-	-	-	-
20. With mental deficiency	5	3	8	3	2	5	1	-	1	1	1	2	-	-	-
21. Undiagnosed psychoses	6	20	36	8	14	22	2	3	5	6	3	9	-	-	-
22. Without psychosis	1	-	1	-	-	-	-	-	-	1	-	1	-	-	-
Total	218	149	367	84	109	193	48	23	71	83	12	95	3	5	5

TABLE 14. Psychoses of Readmissions.

PSYCHOSES.	Males.	Females.	Total.
1. Traumatic psychoses	—	—	—
2. Senile psychoses	—	1	1
3. Psychoses with cerebral arteriosclerosis	—	—	—
4. General paralysis	2	—	2
5. Psychoses with cerebral syphilis	—	—	—
6. Psychoses with Huntington's chorea	—	—	—
7. Psychoses with brain tumor	—	—	—
8. Psychoses with other brain or nervous diseases	1	—	1
9. Alcoholic psychoses	5	—	5
10. Psychoses due to drugs and other exogenous toxins	—	—	—
11. Psychoses with pellagra	—	—	—
12. Psychoses with other somatic diseases	—	—	—
13. Manic-depressive psychoses	4	11	15
14. Involution melancholia	1	4	5
15. Dementia præcox	8	12	20
16. Paranoia and paranoid conditions	1	2	3
17. Epileptic psychoses	1	1	2
18. Psychoneuroses and neuroses	—	1	1
19. Psychoses with psychopathic personality	—	—	—
20. Psychoses with mental deficiency	3	1	4
21. Undiagnosed psychoses	4	5	9
22. Without psychosis	1	—	1
Total	31	38	69

TABLE 15. Discharges of Patients Classified with Reference to Principal Psychoses and Condition on Discharge.

PSYCHOSES.	Total.			Recovered.			Improved.			Unimproved		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	—	—	—	—	—	—	—	—	—	—	—	—
2. Senile	—	1	1	—	—	—	—	1	1	—	—	—
3. With cerebral arteriosclerosis	4	2	6	—	—	—	1	1	2	3	1	—
4. General paralysis	4	2	6	—	—	—	3	1	4	1	1	—
5. With cerebral syphilis	—	—	—	—	—	—	—	—	—	—	—	—
6. With Huntington's chorea	—	—	—	—	—	—	—	—	—	—	—	—
7. With brain tumor	—	—	—	—	—	—	—	—	—	—	—	—
8. With other brain or nervous diseases	1	—	1	—	—	—	1	—	1	—	—	—
9. Alcoholic	26	2	28	21	1	22	4	1	5	1	—	—
10. Due to drugs and other exogenous toxins	—	—	—	—	—	—	—	—	—	—	—	—
11. With pellagra	—	—	—	—	—	—	—	—	—	—	—	—
12. With other somatic diseases	1	2	3	1	2	3	—	—	—	—	—	—
13. Manic-depressive	12	17	29	6	7	13	6	9	15	—	1	—
14. Involution melancholia	2	8	10	1	3	4	1	5	6	—	—	—
15. Dementia præcox	26	39	65	1	1	2	19	34	53	6	4	10
16. Paranoia and paranoid conditions	—	3	3	—	—	—	—	1	1	—	2	—
17. Epileptic psychoses	1	2	3	—	1	1	—	1	1	1	—	—
18. Psychoneuroses and neuroses	3	1	4	—	—	—	2	1	3	1	—	—
19. With psychopathic personality	2	1	3	—	—	—	1	1	2	1	—	—
20. With mental deficiency	1	3	4	—	—	—	1	2	3	—	1	—
21. Undiagnosed psychoses	9	8	17	3	2	5	5	5	10	1	1	—
22. Without psychosis	1	2	3	—	—	—	—	—	—	—	—	—
Total	93	93	186	33	17	50	44	63	107	15	11	26

TABLE 16. Causes of Death of Patients Classified with Reference to Principal Psychoses.

CAUSES OF DEATH.	Total.		Senile.		With cerebral arterio-sclerosis.		General paralysis.		Alcoholic.		Manic-depressive.		Involution melancholia.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
<i>Epidemic, Endemic and Infectious Diseases.</i>														
Erysipelas	—	1	—	—	—	1	—	—	—	—	—	—	—	—
Tuberculosis of the respiratory system	5	12	—	1	—	—	—	—	—	—	—	—	—	—
Tuberculosis of other organs	1	—	1	1	—	—	—	—	—	—	—	—	—	—
<i>General Diseases Not Included in Class I.</i>														
Cancer and other malignant tumors	3	5	—	2	—	1	—	—	2	—	—	—	—	—
Diabetes	—	2	—	1	—	—	—	—	—	—	—	—	—	—
Alcoholism (acute or chronic)	1	—	—	—	—	—	—	—	1	—	—	—	—	—
Other general diseases	3	2	—	1	—	—	—	—	—	—	—	—	1	1
<i>Diseases of the Nervous System.</i>														
Meningitis (non-epidemic)	—	1	—	—	—	—	—	—	—	—	—	1	—	—
Cerebral hemorrhage, apoplexy	1	1	—	—	—	1	—	—	—	—	—	—	—	—
General paralysis of the insane	20	5	—	—	—	25	19	5	—	—	—	—	—	—
Epilepsy	1	—	—	—	—	1	—	—	—	—	—	—	—	—
Other diseases of the nervous system	1	—	—	—	—	1	—	—	—	—	—	—	—	—
<i>Diseases of the Circulatory System.</i>														
Endocarditis and myocarditis	18	19	5	2	5	4	—	—	3	—	1	1	—	4
Arteriosclerosis	29	22	9	9	12	7	—	—	3	—	—	—	1	2
Other diseases of the circulatory system	—	1	—	—	—	19	—	—	—	—	—	—	—	3
<i>Diseases of the Respiratory System.</i>														
Bronchopneumonia	3	2	—	1	—	—	—	—	1	—	—	—	1	—
Lobar pneumonia	1	5	1	—	—	1	—	—	—	—	—	2	—	2
Pleurisy	1	—	—	—	—	—	—	—	1	—	—	—	—	—
Other diseases of the respiratory system (tuberculosis excepted)	2	—	1	—	—	—	—	—	—	—	—	—	—	—
<i>Diseases of the Digestive System.</i>														
Diarrhea and enteritis	—	2	—	—	—	—	—	—	—	—	1	—	—	—
<i>Non-Veneral Diseases of Genito-Urinary System and Anæmia.</i>														
Nephritis	4	—	—	—	2	—	—	—	—	—	—	—	1	—
Diseases of prostate	1	—	—	—	1	—	—	—	—	—	—	—	—	—
<i>External Causes.</i>														
Other external causes	1	—	1	—	—	—	—	—	—	—	—	—	—	—
Total	96	80	18	17	21	15	19	5	11	—	1	3	4	12

TABLE 16. *Causes of Death of Patients Classified with Reference to Principal Psychoses — Concluded.*

CAUSES OF DEATH.	Dementia præcox.			Paranoia and paranoid conditions.			Epileptic psychoses.			Psycho- neuroses and neuroses.			With psychopathic personality.			With mental deficiency.			All other psychoses. ¹		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
<i>Epidemic, Endemic and Infectious Diseases.</i>																					
Erysipelas	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tuberculosis of the respiratory system	2	10	12	-	1	1	-	-	-	-	-	-	-	-	-	1	-	1	2	-	2
Tuberculosis of other organs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>General Diseases Not Included in Class I.</i>																					
Cancer and other malignant tumors	-	1	1	-	-	-	-	-	1	1	-	-	-	-	-	1	-	1	-	-	-
Diabetes	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Alcoholism (acute or chronic)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other general diseases	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1	1	2	-	-	-
<i>Diseases of the Nervous System.</i>																					
Meningitis (non-epidemic)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cerebral hemorrhage, apoplexy	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
General paralysis of the insane	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1
Epilepsy	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other diseases of the nervous system	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Diseases of the Circulatory System.</i>																					
Endocarditis and myocarditis	2	2	4	-	1	1	-	-	-	-	-	-	-	-	-	1	-	1	1	5	6
Arteriosclerosis	2	1	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	3	5
Other diseases of the circulatory system	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1
<i>Diseases of the Respiratory System.</i>																					
Bronchopneumonia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	1	1
Lobar pneumonia	-	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pleurisy	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other diseases of the respiratory system (tuberculosis excepted)	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Diseases of the Digestive System.</i>																					
Diarrhea and enteritis	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-
<i>Non-Veneral Diseases of Genito-Urinary System and An- nexa.</i>																					
Nephritis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1
Diseases of prostate	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>External Causes.</i>																					
Other external causes	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	8	16	24	-	2	2	1	-	1	-	2	2	-	-	-	5	1	6	8	11	19

¹ Includes group 22, "without psychosis."

TABLE 17. Age of Patients at Time of Death Classified with Reference to Principal Psychoses.

Psychoses.	Total			Under 15 years.		15-19 years.		20-24 years.		25-29 years.		30-34 years.		35-39 years.		40-44 years.		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2. Senile	18	17	35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3. With cerebral arteriosclerosis	21	15	36	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4. General paralysis	19	5	24	-	-	-	-	-	-	1	-	2	-	4	-	3	2	5
5. With cerebral syphilis	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6. With Huntington's chorea	-	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7. With brain tumor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8. With other brain or nervous diseases	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9. Alcoholic	11	-	11	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
10. Due to drugs and other exogenous toxins	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11. With pellagra	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
12. With other somatic diseases	3	2	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13. Manic-depressive	1	3	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14. Involution melancholia	4	8	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15. Dementia præcox	8	16	24	-	-	-	-	-	-	2	-	2	1	2	3	-	4	4
16. Paranoia and paranoid conditions	-	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17. Epileptic psychoses	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18. Psychoneuroses and neuroses	-	2	2	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
19. With psychopathic personality	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20. With mental deficiency	5	1	6	-	-	-	-	-	-	1	-	1	1	1	-	-	1	1
21. Undiagnosed psychoses	3	6	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22. Without psychosis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	96	80	176	-	-	-	-	-	-	4	-	4	5	3	7	3	7	10

TABLE 17. Age of Patients at Time of Death Classified with Reference to Principal Psychoses — Concluded.

PSYCHOSES.	44-49 years.		50-54 years.		55-59 years.		60-64 years.		65-69 years.		70 years and over.		Unascertained.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
1. Traumatic	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2. Senile	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3. With cerebral arteriosclerosis	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4. General paralysis	4	-	2	1	1	1	1	-	3	1	11	9	-	-
5. With cerebral syphilis	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6. With Huntington's chorea	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7. With brain tumor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8. With other brain or nervous diseases	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9. Alcoholic	1	-	-	-	-	-	4	-	-	-	1	-	-	-
10. Due to drugs and other exogenous toxins	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11. With pellagra	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12. With other somatic diseases	1	-	-	-	-	-	-	-	-	-	-	-	-	-
13. Manic-depressive	1	1	-	1	-	-	-	-	-	-	-	-	-	-
14. Involution melancholia	-	2	3	1	1	4	-	-	-	-	-	-	-	-
15. Dementia præcox	2	-	-	1	3	3	1	-	1	1	2	1	-	-
16. Paranoia and paranoid conditions	-	-	-	1	1	1	-	-	-	-	-	-	-	-
17. Epileptic psychoses	1	-	-	-	-	-	-	-	-	-	-	-	-	-
18. Psychoneuroses and neuroses	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19. With psychopathic personality	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20. With mental deficiency	1	1	-	-	-	-	-	-	-	-	-	-	-	-
21. Undiagnosed psychoses	-	-	-	1	-	-	1	1	-	1	2	1	-	-
22. Without psychosis	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	11	4	8	7	5	9	9	9	11	9	35	29	-	-

TABLE 18. Total Duration of Hospital Life of Patients Dying in Hospital Classified According to Principal Psychoses.

PSYCHOSES.	Total.			Less than 1 month.		1-3 months.		4-7 months.		8-12 months.		1-2 years.		3-4 years.	
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2. Senile	18	17	35	6	4	10	2	2	2	2	2	4	1	1	2
3. With cerebral arteriosclerosis	21	15	36	5	1	6	6	4	4	1	4	4	-	1	1
4. General paralysis	19	5	24	2	-	2	5	2	1	-	7	7	3	1	4
5. With cerebral syphilis	1	2	3	-	-	-	-	1	1	-	-	-	-	-	-
6. With Huntington's chorea	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7. With brain tumor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8. With other brain or nervous diseases	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-
9. Alcoholic	11	-	11	-	-	-	2	1	-	1	3	-	1	-	1
10. Due to drugs and other exogenous toxins	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11. With pellagra	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12. With other somatic diseases	3	2	5	1	-	1	-	1	-	-	-	-	-	-	-
13. Manic-depressive	1	3	4	-	-	-	-	-	-	-	-	-	-	-	-
14. Involution melancholia	4	8	12	-	1	1	1	1	1	-	1	1	2	-	2
15. Dementia præcox	8	16	24	3	2	5	1	1	1	-	-	3	1	2	3
16. Paranoia and paranoid conditions	-	2	2	-	-	-	-	-	-	-	-	-	-	-	-
17. Epileptic psychoses	1	2	3	1	1	1	-	-	-	-	-	-	-	-	-
18. Psychoneuroses and neuroses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19. With psychopathic personality	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20. With mental deficiency	5	1	6	-	-	-	-	-	-	-	-	-	-	-	-
21. Undiagnosed psychoses	3	6	9	2	3	5	1	1	2	-	-	-	-	-	-
22. Without psychosis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	96	80	176	20	12	32	18	12	30	4	7	11	22	16	38
							11	5	16				8	5	13

TABLE 18. *Total Duration of Hospital Life of Patients Dying in-Hospital Classified According to Principal Psychoses — Concluded.*

PSYCHOSES.	5-6 years.		7-8 years.		9-10 years.		11-12 years.		13-14 years.		15-19 years.		20 years and over.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
1. Traumatic	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2. Senile	-	2	-	-	-	-	-	-	-	-	-	-	1	-
3. With cerebral arteriosclerosis	1	2	-	-	-	-	-	-	-	-	-	-	-	-
4. General paralysis	-	1	-	-	-	-	-	-	-	-	-	-	-	-
5. With cerebral syphilis	-	-	-	-	-	-	1	-	-	-	-	-	-	-
6. With Huntington's chorea	-	1	-	-	-	-	-	-	-	-	-	-	-	-
7. With brain tumor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8. With other brain or nervous diseases	-	-	-	-	-	-	1	-	-	-	-	-	-	-
9. Alcoholic	2	-	-	-	-	-	-	-	-	-	-	-	1	-
10. Due to drugs and other exogenous toxins	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11. With pellagra	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12. With other somatic diseases	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13. Manic-depressive	-	-	-	-	-	-	-	-	-	-	-	-	2	-
14. Involution melancholia	-	-	-	-	1	-	-	-	-	-	-	-	-	-
15. Dementia præcox	1	1	1	-	1	3	-	-	1	1	1	2	-	1
16. Paranoia and paranoid conditions	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17. Epileptic psychoses	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18. Psychoneuroses and neuroses	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19. With psychopathic personality	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20. With mental deficiency	-	1	1	-	-	-	-	-	-	-	1	-	1	-
21. Undiagnosed psychoses	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22. Without psychosis	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	4	8	2	-	1	3	1	2	1	4	1	3	3	6

TABLE 19. *Family Care Department.*

	Male.	Female.	Total.
ing in Family Care Oct. 1, 1927	1	7	8
t from Family Care Oct. 1, 1927	-	-	-
ed during the year	-	1	1
number of cases within the year	1	8	9
ed within the year	1	2	3
ned to institution	1	2	3
arged	-	-	-
isit	-	-	-
ing in Family Care Sept. 30, 1928	-	6	6
orted by State	-	4	4
te	-	1	1
upporting	-	1	1
r of different persons within the year	1	3	4
r of different persons dismissed	1	2	3
r of different persons admitted	-	1	1
e daily number in Family Care during the year	1.0000	7.9019	8.9019
orted by State	1.0000	5.9019	6.9019
te	-	1.0000	1.0000
upporting	-	1.0000	1.0000



The Commonwealth of Massachusetts

ANNUAL REPORT

OF THE

TRUSTEES

OF THE

TAUNTON STATE HOSPITAL

FOR THE

YEAR ENDING NOVEMBER 30, 1929

DEPARTMENT OF MENTAL DISEASES



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TAUNTON STATE HOSPITAL

AUG 30 1930

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TRUSTEES' REPORT.

To His Excellency the Governor and the Honorable Council:

The personnel of the Board has not changed during the past year. Arthur Reed of North Abington, Mass., was reappointed by the Governor and at the Annual Meeting held in February, he was reelected Chairman. Mrs. Elizabeth C. M. Gifford, Cambridge, Mass., was reelected Secretary.

The meetings of the Board have been well attended and regular inspections of the hospital have been made by committees appointed monthly by the Chairman. The departments of the hospital have been found to be functioning properly during these inspections and it is believed that the general morale is constantly improving.

The old buildings still require an enormous amount of repair work. Appropriations sufficient to keep this work progressing have been made during the last few years and many improvements have been noted — chief among these are the installation of fire-proof floors on East Choate Wards 1 and 4. It is planned to continue this work until all of the wards on the lower floor are separated from the basement by a concrete slab which, after being covered with linoleum, creates a floor which is fire-proof as well as pleasing to the eye. The remodeling of the Kenney House at Raynham Colony which consisted of renewing the plaster, bath rooms and stairways, has resulted in converting an old, dilapidated building into a thoroughly modern house which will accommodate 20 patients.

12-9
8

d 10 employees. This work was accomplished entirely by the mechanical force of the hospital. Lavatories and clothing rooms on Wards East Choate 5, and 6 have been thoroughly renovated and now may be considered modern and up-to-date. The bathrooms on these wards were renovated last year and with the work that was completed this year, they may be said to be in very good condition. Aside from this, much painting and carpenter work has been accomplished and as a result, general conditions on many of our wards have been greatly improved.

The new kitchen was opened early in the month of September and although it is not functioning as it will when the new dining rooms which are being constructed at the present time, are available for use, it has proven to be a very satisfactory unit and it is believed that when all of the equipment is in place and the dining rooms are functioning, that it will constitute an excellent unit which will contribute much to the service of food in general.

The work on the new dining rooms is progressing rapidly and it is hoped that by the early part of next summer, it will be possible to have them in use. These dining rooms, when completed, will furnish accommodations for all ambulatory patients at the main building, as well as the employees.

Thus far, appropriations by the General Court have made it possible for us to continue our building program and we are hoping that it will be possible to proceed with this work next year. Special appropriations which have been requested for the coming year, are as follows:

Superintendent's House	\$25,000
Officers' Cottages	12,000
Equipment for New Cafeteria	10,000
Root Cellar	5,000
Creation of a Recreation Room for Patients	4,000
Renovation Necessary in Changing Space formerly occupied by Dining-rooms, into Ward Space	6,400
Bay Street Project	53,625
Employees' Garages	3,000

Each and every one of these projects is necessary to the efficient administration of the hospital and unless it is possible to proceed with this construction, the management of the institution will be conducted on an inefficient basis.

We feel that it is again necessary to mention the necessity of continuing a fire-protection program. We believe that the safety of the institution would be greatly enhanced by the installation of automatic sprinklers in the attics of the main building as well as throughout the industrial building and storehouse which are immediately adjacent to the main building. The sooner this work can be accomplished, the better.

Preliminary plans for the buildings of our new hospital group are now being studied here and it would seem that by this time next year, plans should be completed. The desirability of building this group has been mentioned in our reports for several years and it is now our unanimous belief that the patients of our hospital who need special treatment, should be provided with new quarters as well as laboratories, operating-rooms, etc. The erection of this group will also serve to relieve the crowding which is now fast becoming a menace. During the year, the following visited the hospital: Governor's Council, Committee on Ways and Means, Committee on Public Institutions. It was also inspected at intervals by the Commissioner of the Department of Mental Diseases, George M. Kline, M. D., or the members of his staff.

In conclusion, we wish to express our appreciation for the co-operation which we have received during the year from the Governor and his Council, the Department of Mental Diseases, as well as to our Superintendent, Ralph M. Rogers, M. D., and to all others with whom we have had dealings.

ARTHUR B. REED, *Chairman*,
JULIUS BERKOWITZ,
MARY B. BESSE,

ELIZABETH C. M. GIFFORD,
CHARLES C. CAIN, JR.,
SAMUEL M. STONE,

ASA A. MILLS,

Trustees.

SUPERINTENDENT'S REPORT.

To the Trustees of the Taunton State Hospital:

The seventy-sixth annual report of the Superintendent of the Taunton State Hospital, for the fiscal year ending November 30, 1929, is respectfully submitted for your consideration.

The statistical tables relative to patients, cover the period beginning October 1, 1928 and ending September 30, 1929.

MOVEMENT OF POPULATION.

On September 30, 1928, the hospital census was as follows: In the hospital 721 men and 742 women, a total of 1,463. In family care, 6 women. On parole and escape, 101 men and 96 women, a total of 197 making a grand total 1,666, including 822 men and 844 women on the books of the hospital. During the year ending September 30, 1929, 493 patients were received. Of this number, 220 men and 182 women, a total of 402 were classed as first admissions, 47 men and 36 women, a total of 83 came as re-admissions and 4 men and 4 women, a total of 8 were transferred to this hospital from other hospitals.

Patients, 475 in number, including 248 men and 227 women were discharged during the same period. Of this number, 149 men and 94 women, a total of 243 were returned to the community, 91 men and 88 women a total of 179 died and 8 men and 45 women, a total of 53 were transferred to other institutions.

The census on September 30, 1929 was as follows: In the hospital, 757 men and 749 women a total of 1,506. On parole and otherwise absent, 88 men and 90 women, a total of 178 making a grand total of 1,684 including 845 men and 839 women on the books of the hospital. The total number of cases under treatment during the year was 2,159 (1,093 men and 1,066 women).

Of the 402 first admissions, only 350 were actually committed to the hospital, the remaining 52 being under temporary care. Of the 83 re-admissions, 75 were committed there being 1 voluntary and 7 under temporary care.

FIRST ADMISSIONS.

Nativity. Of the 350 committed first admissions, 102 men and 94 women a total of 196 were born in the United States and 79 men and 75 women, a total of 154 were born in other countries, the percentage of native born being 56% and foreign born 44%.

Citizenship. Of the 350 committed first admissions, 196 or 56% were citizens by birth, 54 or 15.43% were citizens by naturalization, 75 or 21.42% were aliens and 25 or 7.15% were unascertained.

Mental Diagnosis. The different forms of mental disease shown by the committed first admissions, were as follows: dementia praecox, 91 or 26.0%; psychosis with cerebral arteriosclerosis, 51 or 14.56%; manic-depressive, 23 or 6.56%; senile psychoses, 48 or 13.71%; alcoholic psychoses, 31 or 8.86%; general paralysis, 31 or 8.86%; involution melancholia, 20 or 5.71%; psychosis with mental deficiency, 8 or 2.29%; psychosis with other somatic diseases, 9 or 2.56%; undiagnosed psychoses, 1 or .29%; psychosis with other brain or nervous diseases, 8 or 2.29%; psychoneuroses and neuroses, 4 or 1.14%; epileptic psychoses, 3 or .86%; psychosis with psychopathic personality, 3 or .86%; traumatic psychoses, 2 or .58%; paranoia and paranoid conditions, 11 or 3.14%; without psychosis, 1 or .29%; psychoses with cerebral syphilis, 3 or .86%; psychoses with Huntington's chorea, 1 or .29%; psychoses due to drugs and other exogenous toxins, 1 or .29%.

For further information concerning psychoses of first admissions, see statistical tables.

Age. Of the 350 committed first admissions, 121 or 34.57% were over 60 years of age, 104 or 29.71% were between 40 and 60, the involution period, and 31.43% were between 20 and 40, and 15 or 4.29% were under 20.

Education. Of the 350 committed first admissions, 29 or 8.28% were illiterate, 49 or 14% could read and write; 226 or 64.57% had a common school education; 29 or 8.28% had a high school education; 3 or .87% a college education; and 14 or 4% were unascertained.

Environment. Of the 350 committed first admissions, 317 or 90.56% were classed as urban; 31 or 8.86% were rural; and 2 or .58% were unascertained.

READMISSIONS.

Of the 75 patients re-admitted, the diagnoses were as follows: dementia praecox, 35 or 46.66%; manic-depressive, 15 or 20%; alcoholic psychoses, 8 or 10.66%; psychosis with cerebral arteriosclerosis 7 or 9.33%; involution melancholia, 3 or 4%; senile psychoses, 2 or 2.67%; general paralysis, 2 or 2.67%; psychoses with mental deficiency, 2 or 2.67%; epileptic psychoses, 1 or 1.34%.

DISCHARGES.

187 of the 243 patients discharged were committed to the hospital. The remaining 56 were under temporary care and voluntary. The condition of the 187 discharged during the year was as follows: recovered, 32 or 17.11%; improved, 144 or 77.01%; unimproved, 9 or 4.81%; without psychoses, 2 or .77%.

DEATHS.

The death rate for the year figured on the total number under treatment, was 8.29%.

170 of the 179 patients dying during the year were committed. The remaining 9 were under voluntary and temporary care. The causes of death were as follows: arteriosclerosis, 42 or 24.70%; endocarditis and myocarditis, 26 or 15.29%; bronchopneumonia, 22 or 12.94%; general paralysis of the insane, 19 or 11.18%; tuberculosis of the respiratory system, 18 or 10.59%; lobar pneumonia, 4 or 2.35%; gangrene, 3 or 1.77%; cerebral hemorrhage, apoplexy, 3 or 1.77%, other causes, 33 or 19.41%.

Of those who died, 97 or 57.06% were over 60; 51 or 30% were from 40 to 60; 21 or 12.35% were from 20 to 40, and 1 or .59% was under 20.

Our record shows that at the close of the year, there were 33 ex-service men in the hospital.

MEDICAL SERVICE.

We consider that at the present time, our medical staff is well above the average. All of our physicians are graduates of Class-A schools and licensed to practice medicine in the State of Massachusetts.

The Pathological Department has been somewhat handicapped by the lack of a pathologist but the autopsy work has been well taken care of as described under the heading of laboratory. We are endeavoring to secure the services of a pathologist who will not only be equipped to take care of the laboratories satisfactorily but who will also fit into the hospital routine well.

A comparison of the effects of fever therapy in the treatment of general paralysis has been made on a small scale between foreign protein administration in the form of typhoid vaccine intravenously, and malaria. From our observation of the small number of cases treated, 13 with typhoid and 20 with malaria, the results obtained strongly favor the use of malaria.

The visiting staff has contributed more to our medical department than ever before and their prompt and efficient service has been a great help to the resident physicians. During the year, Dr. Charles J. C. Gillon, eye, ear, nose and throat specialist, and Dr. Byron H. Strout, dentist, have been added to this staff. The services of Dr. Richard P. MacKnight, the district representative of the Department of Public Health, have been required on several occasions and with co-operation and advice we have been successful in eliminating contagious infections.

During the year, the following physicians have been added to the staff as a result of the resignation of previous members: Ronald B. McIntosh, M. D., and E. Boutelle, M. D., Wiggin L. Merrill, M. D., and Henry Rapaport, M.D.

SOCIAL SERVICE.

The personnel of our Social Service Department has remained unchanged throughout the year, much to our advantage. The work has been about the same as that of last year except that the social workers are now taking all of

the histories, both those of the patients whose relatives can visit the hospital and those whose people must be interviewed in the home. This makes for better histories in that the worker is in a position to turn in a complete history before presentation in conference. Since a knowledge of the patient's environment explains many things, it is felt that the ideal way would be for all histories to be taken in the home, but this is not practical with the present number of workers.

The increased history-taking has necessarily decreased the number of supervision calls on the trial visit patients. This is to be regretted, but it has so been unavoidable. We are hoping for the addition of another worker to remedy this.

The supervision work, the history-taking and investigation, and the work done in conjunction with the psychiatrist's in school and community clinics, comprise the principal work of the department. These clinics are discussed under Out-Patient Department.

The workers have attended monthly conferences at the State House where all of the social workers of the Department of Mental Diseases meet for discussion and instruction in their common problems. The Head Worker has attended Saturday morning conferences once a month where matters relating to the standardization of the work of the different hospitals are discussed.

Other conferences and lectures bearing on Social Work and its allied subjects have been attended whenever possible, and the workers themselves have had appointed times for discussing important articles on these subjects.

A summary of the work accomplished follows:—

SOCIAL SERVICE STATISTICS

December 1, 1928, to December 1, 1929.

I. NUMERICAL SUMMARY OF CASES:

	HOSPITAL CASES				COMMUNITY CASES		TOTALS		
	House Patients		Out-Patients		Clinic Cases ¹				
	M.	F.	M.	F.	M.	F.	M.	F.	T.
1. New Cases.	138	121	96	97	42	35	276	253	529
2. Renewed cases from previous years.	3	6	8	5	1	4	12	15	27
3. Renewed cases within the year	2	6	4	10	—	—	6	16	22
4. Continued cases from previous year	71	44	104	93	82	90	257	227	484
5. Cases closed during year.	134	100	122	107	45	35	301	242	543
6. Cases continued to following year	80	77	90	98	80	94	250	269	519

¹ This does not include hospital cases reporting to community clinics.

II. SOURCES OF NEW CASES:

Number of cases referred by physicians, 463; by community agencies, 8; by friends or relatives, 2; by initiative of patients, 1.

III. ANALYSIS OF WORK:

1. Purposes for which cases were referred:—

- Histories of patients — taken at hospital, 121; taken outside hospital, 114.
- Investigation — conduct disorders, 74; employment situation, 9; home conditions, 49; statements of patients, 32; statements of others, 38.
- Supervision — in home, 451; in industry, 68; in community, 2.
- Care of patients' families, 0.
- Personal services, 30.
- Placement, 2.

2. Problems:—

- Disease — mental, 554; physical, 81.
- Sex Problems — wayward tendencies, 14.
- Environment — Financial difficulties, 44; employment, 0.

ficulties, 61; unsuitable surroundings, 10. Friction — family, 41; others, 6. Marital difficulties, 38.

- (d) Personality Problems — temperament, 68; anti-social habits, 35; vacillating interests, 7.
- (e) Educational Problems — Readjustment habits of mind, 57; Recreation, church, social relationships, 45.
- (f) Legal Problems — Concerning property or support, 1; resulting from conduct of patient, 1; resulting from conduct of others, 1.

IV. SERVICE RENDERED:

1. Medical: —

Contribution of information *re*: medical history, 256; home conditions, 499; condition of out-patients, 417. Arrangements for medical assistance, 2.

2. Social:

Adjustments for Patients — Environment, 3; personal relations, 6; in industry, 2; in recreation, 2. Advice — to relatives, 214; to patients, 235; to others, 43. Connecting with Agencies — 218; with individuals, 954. Family assistance — legal, 1; miscellaneous, 7. Personal Services — 55. Placement work — home, 4; industry, 4. Psychological tests to hospital patients, 50; to prisoners, 10.

V. SUPERVISION WORK:

- 1. Number of Patients on visit last day previous year, 197; discharged from visit during year, 148. Visits — To patients on ward, 213; to patients on visit, 419; to relatives or friends, 251; to social agencies, 124; to others, 22.
- 2. Family Care Patients —
Number patients visited, 20; replaced, 1; returned, 2.
Number boarding homes investigated, 4. Christmas boxes sent, 7.

VI. CLINIC WORK:

- 1. Hospital Clinics — Number of interviews with patients, 164, hospital patients reporting to New Bedford Clinic; with relatives, 138.
- 2. School Clinics — Number attended, 60; Psychological tests, 332
School tests, 25. Miscellaneous Work — Arrangements made for 15 clinics, 55 contacts with Superintendents and principals, instructions to school nurses.
- 3. Community Clinics — Number attended, 90; interviews with patients, 133; with others, 162. Psychological tests, 84.

VII. MISCELLANEOUS:

- 1. Amount of Expense Account — School or Community Clinic Work, \$47.33; Hospital Work, \$307.99.
- 2. Account of Time — Number of days in Hospital, 420; days outside Hospital, 424; days spent in School Clinic Work, 64½; days spent in Community Clinic Work, 64½.

VIII. SPECIAL FEATURES:

- 15 lectures on Social Service to Nurses Training Schools.
- 18 articles on Social Service selected for special study.

CONFERENCES.

Family hospital conferences. Monthly conferences at State House. Saturday conferences at State House. Meetings of Round Table or Psychiatric Social Workers. Conference on Mental Hygiene in Public Health and Social Service. George Baker Demonstration at Massachusetts Civic League. Boston Conference of Special Teachers. Massachusetts Conference of Social Workers. Annual Meeting of Mental Hygiene Society.

OUT-PATIENT DEPARTMENT.

We have continued throughout the year, our Out-Patient Clinics at New Bedford, Attleboro and Taunton and are now re-opening the Fall River Clinic which will be a great convenience for our patients on visit in that city and will also, we understand, be welcomed by those who have new cases to present. We have examined about the same number of cases in New Bedford this year as last; but since there has been a curtailment of workers in several of the agencies that availed themselves of our services most frequently, we feel that this number should be considered as an advance.

In our School Clinic work, we have given examinations in all but one of the towns in our district. This town, while not yet ready for the regular clinic, sends individual pupils to us for examination. As we return to the different schools from year to year, it is encouraging to note that effort has been made to carry out our advice as far as town facilities permit.

A summary of the work accomplished follows: —

Mental Clinics.

Source of Cases: —

Children's Aid Society, 12
Family Welfare Society, 8
Private Physicians through a Welfare Organization, 3
Department of Public Welfare (Attleboro) 0
Society for Prevention of Cruelty to Children, 2
Catholic Welfare Bureau, 10
International Institute, 2
Self or Immediate Family, 2
Taunton State Hospital, 179
Other Hospitals, 10
Other Sources, 51

1. New Bedford —

New Cases —		Total Visits —	
Male.....	28	Male....	
Female.....	27	Female.....	
	<hr/>		
Total.....	55	Total.....	

2. Fall River — (Temporarily closed. To be re-opened on January 15, 1938)

3. Taunton —

New Cases —		Total Visits —	
Male.....	10	Male.....	
Female.....	2	Female.....	
	<hr/>		
Total.....	12	Total.....	

4. Attleboro —

New Cases —		Total Visits —	
Male.....	5	Male.....	
Female.....	3	Female.....	
	<hr/>		
Total.....	8	Total.....	

Male cases seen (new).....	43
Female cases seen (new).....	32

Total..... 75

Male visits to clinic.....	131
Female visits to clinic.....	157

Total visits to clinic..... 288

School Clinics.

Number of towns visited, 17
 Number of new cases examined, 278
 Number of cases re-examined, 28
 Number of complete cases, 289
 Number of incomplete cases, 17
 Number of cases for institutional care, 13
 Number of cases recommended to leave school and find suitable employment, 7
 Number of cases recommended for special class, 167
 Number of cases advised to continue in grade, 102

OPERATING ROOM

The operating room has been very active in the service of the hospital there having been performed 15 major operations. It has also had charge of the anti-syphilitic treatments and dressing-rooms.

A detail of the work follows:

Anti-syphilitic treatments:	Male	Female	Total
phenamine	224	87	311
mercury	378	134	512
iods	333	275	608
nals	72	26	98
assium Iodide	32	16	48
ew cases on treatment	8	6	14
cases	29	15	44
continued	3	3	6

Operations: Tonsillectomy, 2; incision into arm for hemorrhage, 1; amputation, 2; appendectomy, 2; ischio rectal abscess incised, 2; osteomyelitis of jaw curretted, 1; incision of severe infection of hand, 3; intestinal obstruction, cast applied, 3; exploratory laparotomy, 2; ovarian cyst removed, 3; otoplasty, 3; sutured laceration of neck and scrotum, 1; eye enucleation, 1; al needle removed, 1.

Miscellaneous: Inoculation, 569; vaccination, 2,066; dressing, 2,929; mination, 41.

DENTAL DEPARTMENT

This department has continued to take care of the dental needs of the patient population. The practice of employing a dental intern during the summer helps a great deal in bridging over the vacation period and in preserving the continuity of the work.

Byron H. Strout, D.D.S., who has acted as unofficial consultant for many years was duly made a regular member of our Visiting Staff. He is a man of knowledge and experience and he has been of much assistance to us in difficult cases.

The following is a report of the work accomplished:

Bridgework: Removed, 5; reset, 4; Davis crown set, 7. Cleaned and scaled, examined and charted, 900; extractions, 837.

Fillings: Amalgam, 485; kryptex, 148; root canal, 5; temporary, 15; zinc and eugenol, 267.

Plates: Impression, bite, shade, 103; tried in, 31; made, 45; adjusted, 150; fixed, 30; cleaned, 71.

Treatments: Formo-creosol, 11; gums, 46; Howe's silver nitrate, 9; post-operative, 166; pulp removed, 1; root canal, 24; tooth treated, 7.

taken	130
ts with work completed	1154
ber of visits	3442
ber of operations	4245
age operation per patient	5.91
ber of patients treated for the first time	718
ber of extractions and fillings on new patients	538-447

Percentage of patients with work O. K.....	91
Percentage of patients unable to receive attention.....	8
Percentage of patients with work to be done.....	
Percentage of new admissions needing dental attention.....	52
Number of patients receiving dental attention other than examination and cleaning.....	7
Number of patients needing no dental attention on November 30 (exclusive of plates and no teeth).....	9
Patients wearing plates.....	3
Number of sets of false teeth.....	4
Patients needing no dental attention (because of plates and no teeth).....	3
Patients wearing crowns and bridgework.....	3
Number of bridges, crowns and pivots.....	6
Number of artificial appliances.....	9
Average number of patients treated daily.....	12.
Average number of operations per day.....	15.
Number of days office open.....	2
Number of patients with no teeth.....	1
Number of patients needing no dental attention other than cleaning during the year (exclusive of plates and no teeth).....	3

X-RAY DEPARTMENT

During the past year, the work in this Department has continued and all work referred by the Medical Staff has been taken care of adequately. Following the disaster in Cleveland, a special fire-proof room was taken over as a storeroom for X-ray films and suitable precautions were enforced regarding the possibility of this hazard.

The following books have been added to the library: "Modern X-ray Technique", by E. Jermeyer; "Roentgenology", by Kohler; "Clinical Roentgenology", "Diseases of the Chest", by Jacques and Wessler.

The following record of cases is appended: Hand, 20; wrist, 13; elbow, arm, 1; shoulder, 16; foot, 10; ankle, 21; knee, 7; nose, 3; hip, 24; leg, spine, 7; pelvis, 9; gall bladder, 1; R. U. V., 2; femur, 1; gastro-intestinal, acc. sinuses, 7; chest, 80; ribs, 15; skull, 23; foreign bodies, 1; colon, 1; teeth, 130; pregnancy, 1; total, 400.

PHYSICAL THERAPY

Last year, a department devoted to physical therapy was opened, a room on the third floor of the male side, being equipped for this purpose. A Hanau Quartz Lamp and an Infra Red Lamp were installed and have been in daily operation, and we have found manifest improvement in the suitable cases referred by the Staff physicians. Recently, a similar department on the female side has been opened. Thus all patients can now be referred and receive treatment indicated. The following equipment has been installed on the female side and will be in use shortly: One Ultra-Violet Lamp, one Infra Red Lamp and one Diathermy machine. A recent edition of Stewart's "Physiotherapy" has been added to the library.

The following is a report of the activities of the Physical Therapy Department for the past year:

Number of cases referred for treatment, 32.

Number of treatments by Ultra-Violet Therapy, 763.

Number of hours, 197½.

Number of treatments by Infra Red Therapy, 110.

Number of hours, 27¼.

HYDROTHERAPY

This department is now operating 14 continuous baths, 4 pack rooms and completely equipped hydriatic suites, one on each service. It is a very active department and is worked to its capacity at all times. During the year continuous baths have been operated a great deal of the time at night, thus benefiting many disturbed patients.

A detail of the treatments given follows:

<i>Tonic Baths</i>			
	Male	Female	Total
Hot glows	668	322	1,000
Hot baths as preparatory treatments	59	122	181
Hot and cold to spine	620	693	1,313
omentation to the abdomen	0	63	63
omentation to the back	35	22	57
Wet mitten friction	12	181	193
Hot bath	131	45	176
Electric light baths	181	308	489
Medicinal shampoos	786	768	1,554
Hot shampoos	758	721	1,479
Needle sprays	2,500	2,516	5,016
Hot douches	2,384	2,288	4,672
Hot douches	453	427	880
Hot douches	783	712	1,495

<i>Continuous Baths</i>			
Number of patients	138	238	376
Number of baths	2,361	3,756	6,117
Number of hours	19,718	27,870 $\frac{3}{4}$	47,588 $\frac{3}{4}$

<i>Wet Sheet Packs</i>			
Number of patients	349	269	618
Number of packs	8,878	7,407	16,285
Number of hours	29,861 $\frac{1}{4}$	20,693 $\frac{3}{4}$	50,555

OCCUPATIONAL THERAPY

The Occupational Therapy Department employed during the year, one director, three aides and one physical director. In June, a physical education program was opened under the direction of a trained worker. The position of director of music made vacant in November of last year, has not been filled.

Classes have been held daily in the Occupational Therapy Classroom, on the receiving wards, on E. C. 2, E. C. 6, E. C. 8, both infirmaries and on the tubercular wards. Physical education classes have been organized on E. C. 3 and E. G. 8 and a group of about 20 patients has been taken daily to the chapel for exercises, games and dancing. Besides classwork, patients assisted during the summer under the supervision of the occupational therapy aides, in the picking of beans and berries.

This form of treatment is very much enjoyed by the patients and is producing very good results. Prescription cards are made out by the physicians in charge of the wards and monthly progress notes are written by aides in charge of the classes.

All recreational activities for both patients and employees are under the supervision of this department. The holiday season was greatly enjoyed, the hospital being appropriately decorated and everything being done to provide a happy Christmas for our patients. The following people very kindly contributed to the entertainment fund: Elmer I. Wheeler, Edward Diskin, Margaret Smith, Mrs. Mary A. Waldron, Mrs. D. A. Bayne, Mrs. Dora Levy, J. K. Kerrigan, Emma C. Thompson, Mrs. Abbie L. Bates, Patrick Nelson, Mrs. P. H. Rogers, Miss Rose, S. M. Stone, Mrs. Elizabeth C. M. Gifford, Mr. and Mrs. Lane, Mrs. Sarah M. Ward, Mrs. A. M. Pierce, Mrs. Jennie Blackmer, Harvey C. Thompson, Grace M. Vincent. Special dances were held at Christmas time, on January 8, February 22, March 17, April 16 and May 23. On June 27, a reception was given in honor of Mr. F. W. Boynton, the retiring treasurer. The weekly dances were held regularly until the latter part of June. On July 4, a Field Day program was arranged including various games and professional entertainers. Two special whist parties were given for the patients on August 8 and

September 18 and a Halloween party was very much enjoyed. Music for most of these affairs was provided by the hospital orchestra which is composed of patients and employees.

The following schedule shows the number of patients treated during the year

Under treatment at beginning of the year, 202.

Admissions to classes during the year, 598.

Cases previously treated, 275.

Cases not previously treated, 323.

Cases transferred, 297.

Cases discontinued, 149.

Cases died, 11.

Cases discharged, 53.

Remaining under treatment at end of year, 290.

The following articles were made: 411 rugs; 27 baskets; 24 book-ends; reed jardinières; 7 foot-stools; 7 coat-hangers; 12 door-stops; 195½ dozen crepe paper flowers; 4½ dozen crepe paper napkins; 325 runners; 190 embroidered squares; 52 doilies; 428 pillow tops; 5 table covers; 9 chair-backs; 1 4-piece vanity set; 12 dish mats; 51 face-cloths; 2 silk bags; 2 belts; 2 key cords; 5 chair-seats; 10 mats; 7 towels; 18 knitted shoulderettes; 40 posters; 5 emblems; 14 shields; 16 fancy basket cut-outs.

SCHOOL OF NURSING

The School of Nursing has had an active and more hopeful year than that of recent years. Connected with the School are 16 graduate nurses, 2 senior students, 2 intermediates, 8 juniors and 6 affiliate nurses.

In February, the first students for affiliation were received from the Mortimer Memorial Hospital and since that time, the Schools of Fall River General Hospital and Sturdy Memorial Hospital of Attleboro, have affiliated, each sending two students every three months.

Two nurses received diplomas of graduation in November but because of the chapel being out of function no graduation exercises were held.

During the year, 395 hours of lecture and 877 hours of recitation and demonstration were given to nurses.

The work of the School creates the necessity of a great many lectures from the Medical Staff and workers in other departments which have been given unstintingly and with a great manifestation of enthusiasm.

With a full staff of graduate nurses and with renewed effort, the prospect for the progress of the School is one of optimism.

LABORATORY

This department has continued to function very well from the clinical standpoint as we have had the services of a well-trained technician throughout the year.

The vacancy left by the resignation of our pathologist in the summer, has reduced the research and experimental work to a great degree. We are hoping that this position will be filled in the near future. Our autopsies at the present time, are being performed by the Department's pathologist, Dr. Marjorie Fulst, to whom we are very grateful for this service.

The following is a list of the work accomplished: Urine analyses, 1,687; spinal fluids, 92; blood sugars, 89; blood N. P. N., 89; blood urea nitrogen, 80; renal function, 13; white blood counts, 1,107; complete blood counts, 473; smears, 2; cultures, 120; sputums, 23; feces, 25; basal metabolism, 3; blood calciums, 10; tissue slides, 10; stomach contents, 5; quantitative sugars, 49; quantitative albumin, 5; urine acetones, 12; diacetic acid, 8; Von Pirquet test, 1; autogenous vaccines, 5; Van Den Berg, 5; icterus index, 5; permeability, 2; autopsies, 1; Mosenthal test, 1; creatinin, 1; coagulation, 1.

RELIGIOUS SERVICES

The program for Sunday services has been the same this year as previously, the Catholic clergymen officiating in the morning and the Protestant in the afternoon.

ternoon with special services at each of the colonies.

The following clergymen have visited the hospital when needed and had charge services from time to time: Rev. John Sullivan, Rev. Vincent McCarthy, Rev. Francis McCarthy, Rev. Frank McAllister, Rev. Douglas Swaffield, Rev. Charles Martin, Rev. Dan Fenn, Rev. Walter Tourtelott, Rev. E. A. Burnham, Rev. H. M. Medary, Rev. M. E. Barrett, Rev. E. H. Green, Rev. Charles Martin, Rev. William A. Haney, Rev. Robert Roberts.

LIBRARY

During the past year, the additions to the library by purchase have been 235, by gift, 127.

The program of discarding antiquated books of fiction and books not suitable for a hospital library, has been continued. The discarded books have been replaced by books of current fiction by well-known authors and books of non-fiction, works of great value now attainable at moderate prices in the Modern Library, Star Dollar Series, etc. As a result, the weekly circulation has increased 146 volumes.

In its new quarters, with modern equipment and the books classified by the Dewey Decimal System the average circulation has already shown an increase. The regulation system of getting books to all patients who desire them has been started — a fixed number of books going to certain wards and the books being returned and exchanged at regular intervals. During the coming year, this plan is to be greatly enlarged as soon as typewritten catalogues, and annual supplements can be furnished.

The gifts of magazines for the patients have continued as usual. The quality of these gifts this year has been exceptionally good. Following is a list of the contributors:

Mrs. L. Southworth, Mrs. Pero, Mrs. Thurrett, Mrs. Mary B. Besse, Mrs. A. C. Bent, Mrs. T. M. Smith, Mrs. Wm. Davenport, Mrs. Zilpha Chace, Mr. C. H. Robertson, Mrs. Bertha J. Washburn, Mrs. Dunbar, H. S. Tait, M.D., Miss Mabel Holmes, Mrs. Charles Nichols, Mrs. Leonard, Mrs. LaCroix, Mrs. Richard Herndon, Sr., Mrs. Ella R. Burt, Mrs. D. J. Elliott, Mrs. Slade, Brownell and Hart, Dr. Wm. F. Wyatt, Mrs. F. E. Francis, Rabbi Jonas Kamin, Mrs. Elizabeth M. Gifford, Mr. A. C. Bent, Mrs. G. Cotter, Mr. E. Russell Davol, Mrs. A. Morris, Simon and Schuster, Inc., Mrs. L. Godfrey, Mrs. Phillips, Mr. F. P. Callahan, Mrs. C. H. Sebasia, Mrs. Joseph Rose, Mrs. Blevins, Mrs. M. M. Wright, Miss Louise Hern, Mrs. Edward E. Cole, Mrs. T. J. Smith, Houghton Mifflin Company, Mr. Hastings.

FARM.

The activities of the farm have progressed satisfactorily during the past year, despite the fact that the farmer was somewhat hindered by a rather severe drought. As a result of this, the vegetables produced, were delayed in their growth some but when they were prepared for the root cellar, it was found that they were better than usual in quality.

The swine and the poultry have done very well during the past year. Early in the year, we purchased a thoroughbred Duroc jersey boar and 18 thoroughbred Duroc jersey sows. This we expect to use as a nucleus for the establishment of a thoroughbred herd.

Our dairy herd has not produced quite as much milk on the average, but this is due to the fact that we have a number of cows that must be replaced and there is no question but what this matter will be remedied during the coming year as we intend to purchase some cows and we have a number of heifers coming.

During the year, we have added to our tillable land, about 5 acres. This land was cleared during the winter and is a part of the tract purchased last year. It was planted to potatoes and yielded a large crop of very fine quality.

The following is a detail of the farm production: Milk, 262,006 9-10 qts; eggs, 9,572 1-12 doz.; asparagus, 2,206½ lbs.; string beans, 22,809 lbs.; beet 15,707 lbs.; brussels sprouts, 125 lbs.; cabbage, 25,910 lbs.; canteloupes, 1,381 lbs.; carrots, 47,170 lbs.; cauliflower, 256 lbs.; celery, 52 lbs.; swiss chard, 23,817 lbs.; sweet corn, 9,901 lbs.; cucumbers, 1,839 lbs.; kohlrabi, 237 lbs.; lettuce, 2,22 lbs.; onions, 41,508 lbs.; parsnips, 22,278 lbs.; parsley, 4 lbs.; green peas, 1,5 lbs.; peppers, 249 lbs.; pumpkins, 12,420 lbs.; radishes, 211½ lbs.; rhubarb, 1,906½ lbs.; spinach, 2,035 lbs.; summer squash, 4,870 lbs.; winter squash, 36,272 lbs.; tomatoes (ripe), 56,753½ lbs.; tomatoes, (green), 7,161 lbs.; turnip, 26,609 lbs.; turnips (green), 1,000 lbs.; apples, 13,845 lbs.; blackberries, 217 lbs.; currants, 1,355½ lbs.; gooseberries, 579½ lbs.; grapes, 1,385 lbs.; pears, 55 lbs.; raspberries, 408 lbs.; strawberries, 3,973¾ lbs.; beef, 8,389 lbs.; pork, 52,427 lbs.; liver, 1,150 lbs.; chicken, 1,407 lbs.; fowl, 2,154 lbs.; broilers, 2,044 lbs.; hams, 116,380 lbs.; ensilage corn, 624,764 lbs.; greenfeed, 274,310 lbs.; potatoes, 173,159 lbs.

INDUSTRIAL DEPARTMENT.

The efficiency of this department has continued. The articles manufactured are of good quality and may be considered custom made. For this reason, they are not only much cheaper but much more satisfactory than anything we could purchase.

The scheme of having the mending and sewing rooms adjacent has worked out very well and it is not likely that the return of the mending room to the laundry will be necessary.

We are now at work clearing out a space for our new furniture shop. They will increase the space occupied by the carpenter and make for much more order in that department.

The following is a detail of the work accomplished:

Main Industrial Shop

Manufactured: 779 mattresses; 492 pillows; 742 brooms; 29 mats; 8 coffee cans; 8 soup cans; 8 ash barrels; 241 brushes; 24 cups; 56 pails; 4 stovepipes; 7 hoops; 2 doors; 10 floor pads; 52 meat tins; 4 pie racks; 2 bread boxes; 2 milk cans; 11 waste receivers; 12 garbage pails; 12 oatmeal tins; 2 tubs; 12 paint pots; 1 sauce pan; 15 cushions; 1 wash-tub; 1 coffee percolator; 36 dustpans; 9 barrels; 2 cake tins; 12 diet tins; 11 steamers; 2 dippers; 1 metal run; Hamburg machine; 1 barber's box; 1 radiator; 3 metal plant containers; washtubs.

Repaired: 171 chairs; 10 couches; 5 divans; 29 cushions; 4 parlor sets; ventilator; 1 basket; 26 dippers; 99 coffee cans; 48 sauce pans; 7 ash barrels; 13 ice-cream freezers; 20 tea-kettles; 32 garbage cans; 87 meat tins; 5 covers; 35 sauce pans; 1 scaler; 1 curtain; 39 milk cans; 3 double boilers; 15 paint cans; 5 dish pans; 4 dirt cans; 1 brush; 1 potato cutter; 15 kettles; 1 butter cut; 3 teapots; 3 potato tubs; 12 clocks; 1 table; 1 gasoline tank; 14 diet tins; 1 refrigerator; leakage; metal in elevator shaft; 1 refrigerator; 2 ice-boxes; 3 iron pans; thermos; 1 ventilator.

Tailor Shop:

Manufactured: 445 coats; 442 pants; 2 vests; 253 rugs; 176 aprons; window curtains; 2 overcoats; 1 uniform; 24 mittens. *Repaired:* 2,329 coats; 2,594 pants; 1,794 vests; 8 carpets; 70 tub covers; 34 overcoats; 11 suits; 15 rugs; 1 movie screen; 5 blankets; 13 mattresses; 1 baseball back-stop; 80 hats; 4 pillows.

Shoe Shop:

Manufactured: 737 prs. men's shoes; 260 prs. women's shoes; 168 prs. moccasins; 124 prs. men's slippers; 18 ball bag handles; put on 1,190 heels. *Repaired:* 118 prs. lifts put on; 815 prs. taps nailed or sewed; 131 heel linings put in; 960 heels; 234 uppers; 159 soles; 194 rips; 11 auto curtains; 73 straps; 75 heels; 4 rubber matting; 2 prs. baseball shoes; 1 mail-bag; 1 clock.

Sewing Room:

Manufactured: 51 1-3 doz. aprons; 73 doz. bibs; 24 doz. bed jackets; 10 blankets; 1½ doz. buttons covered; 8½ doz. bed pan covers; 74 doz. B.V.

3-5 doz. caps; 525 prs. curtains; 1 1-6 doz. coffee bags; 85 cushion covers; pr. drawers; 63 7-12 doz. dresses; 1 doz. flannel compresses; 2 7-12 doz. netlette boots; 36 doz. face cloths; 22 gymnasium suits; $\frac{1}{2}$ doz. gowns for armacist; $2\frac{1}{2}$ doz. glove cases; $\frac{1}{2}$ doz. bathrobes; $3\frac{1}{2}$ doz. hot water bottle covers; 100 hammocks; 1-6 doz. ice-bags; 3 doz. ice-cap covers; 4 doz. ice-collar covers; $1\frac{1}{4}$ doz. ice-bag covers; $7\frac{1}{2}$ doz. holders for kitchen; 3 doz. mittens; $\frac{3}{4}$ doz. laundry bags; $15\frac{1}{4}$ doz. mattress ticks; 364 nurses' cuffs; 24 nurses' gowns; 54 doz. nightshirts; $66\frac{1}{2}$ doz. nightdresses; 33 prs. overdresses; $\frac{1}{2}$ doz. operating gowns; 1-3 doz. operating trousers; $12\frac{1}{2}$ doz. pillows; 308 doz. pillow slips; 7 doz. pillow ticks; 1-6 doz. petticoats; $2\frac{3}{4}$ doz. pajama jackets; $1\frac{3}{4}$ doz. pajama pants; $1\frac{3}{4}$ doz. sleeping hoods; $43\frac{3}{4}$ doz. slips; 102 7-12 doz. shirts; 7 doz. sheets; 10 doz. screen covers; 1 doz. spice bags; 1-3 doz. side strips for curtains; 11 doz. shroud squares; 52 11-12 doz. tablecloths; 1 2-3 doz. tray cloths; 9 7-12 doz. towels; 4 doz. pads; 67 tub covers; 100 prs. tie-backs; 9 doz. utility cases; 31 valences; $4\frac{3}{4}$ doz. window shades; 1 doz. blouses; $4\frac{1}{2}$ doz. covers for springs; $1\frac{1}{2}$ doz. knapsacks; 1-6 doz. spreads; $4\frac{1}{2}$ doz. puffs; 6 doz. napkins.

ending Room:

Repaired: 1,085 aprons; 60 bathrobes; 253 blankets; 2,058 B.V.D.; 1 bed pan cover; 61 bibs; 4 bloomers; 1 belt; 278 white coats; 38 curtains; 36 corset covers; 185 dresses; 3,100 drawers; 3 flags; 138 gowns; 9 holders; 34 hammocks; 2 ice collar covers; 2 ice bag covers; 1,024 laundry bags; 575 mattress ticks; 28 mittens; 28 napkins; 10,768 nightgowns; 368 overalls; 413 pillow slips; 44 pillow ticks; 6 pads; 520 petticoats; 16 sweaters; 10 shawls; 477 slips; 21 sleeping socks; 9,229 stockings; 1,885 sheets; 256 spreads; 6,690 shirts; 427 tablecloths; 71 traycloths; 469 tub covers; 154 trousers; 721 towels; 594 union-suits; 8 window shades; 216 mattress covers; 26 puffs.

REPAIRS AND RENEWALS

The following improvements were made possible by the appropriation under this heading during the past year: new return tank in the boiler room, renovation and improvement of the heating system in the male infirmary, metal shelving for the library, new motor mower, concrete floor in female ward 4, lavatories and bathing rooms renovated on female wards, 4, 5 and 6, continuation of our lock and window screen programs, an additional building to our salvage yard group, new cement mixer, terraza floors in the lavatories and bathrooms in the male nurses' home.

The original conductors which were in the walls, have been replaced by new outside conductors. The old ones were leaking some and the water was getting into the building.

REPAIRS ORDINARY

Much was accomplished with the money appropriated under this heading during the past year and it can be safely said that the buildings are showing a gradual improvement in their condition.

Our painting program is progressing nicely and if we are able to do as well as we have for the last few months, our buildings will all be well painted by spring. Many of the old electric light fixtures which are both unsightly and inefficient, have been replaced by modern ones.

Much has been accomplished in the way of improving upon our heating and plumbing systems.

The copper roofs on the buildings known as the East and West Extensions have been thoroughly repaired. A new roof became necessary on the kitchen at the Ham Colony. The roofing program which we have planned during the past years, is approaching completion but with the tremendous area involved, annual repairs are very large even though the roofs are in good condition. We have had some trouble with the main sewer line in the vicinity of the hole which lies on a line between the main building and the nurses' home. This was corrected by the Sewer Department for a nominal sum.

ACKNOWLEDGMENTS

I wish to express appreciation to all those who have contributed to the entertainment of our patients, to our Christmas Fund and to our library, also to the various city departments who have co-operated in every way, and to all those who are interested in the welfare of the hospital. To the members of the Board of Trustees and to all the employees, I am greatly indebted for their continued interest and co-operation.

Respectfully submitted,
RALPH M. CHAMBERS,
SUPERINTENDENT

VALUATION

November 30, 1929

REAL ESTATE

Land, 443 acres	\$55,285
Buildings	1,037,647
	<u>\$1,092,932</u>

PERSONAL PROPERTY

Travel, transportation and office expenses	\$4,797
Food	14,992
Clothing and Material	21,439
Furnishings and household supplies	119,431
Medical and general care	19,154
Heat, light and power	10,416
Farm	37,654
Garage, stables and grounds	6,584
Repairs	15,874
	<u>\$250,348</u>

SUMMARY

Real estate	\$1,092,932
Personal property	250,348
	<u>\$1,343,279</u>

FINANCIAL REPORT

To the Department of Mental Diseases:

I respectfully submit the following report of the finances of this institution for the fiscal year ending November 30, 1929.

CASH ACCOUNT

Receipts

<i>Income</i>	
Board of Patients	\$70,438.72
	<u>\$70,438.72</u>
Personal Services:	
Reimbursement from Board of Retirement	21,439
Sales:	
Food	\$4.85
Clothing and Materials	23.35
Medical and general care	6.75
Heat, light and power	22.31
Farm:	
Cows and calves	380.80
Hides	106.53
Sundries	26.64
Garage, stable and grounds	1.35
Repairs, ordinary	685.09
Repairs and renewals	104.65
Total sales	<u>1,343.27</u>
Miscellaneous:	
Interest on bank balances	\$393.09
Rent	480.00
	<u>\$873.09</u>
Board of Employees	73,500
Total income	<u>\$73,500</u>

MAINTENANCE

Balance from previous year, brought forward	\$10,000
Appropriations, current year:	
Original	585,000
Total	<u>595,000</u>
Expenses (as analyzed below)	575,000
	<u>\$20,000</u>
Balance reverting to Treasury of Commonwealth	\$20,000

Analysis of Expenses

Personal services	\$292,584.27
Religious instruction	1,710.00
Travel, transportation and office expenses	6,548.31
Food	106,430.31
Heating and materials	17,516.50
Furnishings and household supplies	31,459.27
Medical and general care	17,825.34
Water, light and power	28,270.20
Telephone	29,614.39
Stable and grounds	6,732.96
Repairs ordinary	14,428.35
Repairs and renewals	22,010.39
Total expenses for Maintenance	\$575,130.29
SPECIAL APPROPRIATIONS	
Balance December 1, 1928	\$116,989.18
Appropriations for current year	155,000.00
Total	\$271,989.18
Expended during the year (see statement below)	\$145,574.35
Reverting to Treasury of Commonwealth	145,574.35
Balance November 30, 1929, carried to next year	\$126,414.83

OBJECT	Act or Resolve	Whole Amount	Expended During Fiscal Year	Total Expended to Date	Balance at End of Year
Completion of Storehouse	138-1927	\$45,000.00	\$767.37	\$44,990.69	\$9.31
Storehouse Equipment	138-1927	7,500.00	2,445.19	7,433.76	66.24
Employees' Cottage	138-1927	28,000.00	21.46	27,995.62	4.38
Officers' Cottage	138-1927	3,500.00	—	3,499.39	.61
Improvement of Rear Hospital Center, Bakeshop, Dining Hall, etc.	127-1928	253,027.14	133,931.20	133,989.35	119,037.79
Train Land	146-1929	4,000.00	—	3,294.37	705.63
Kitchen and Cafeteria	127-1928	15,000.00	8,409.13	8,409.13	6,590.87
	-1929				
		\$356,027.14	\$145,574.35	\$229,612.31	\$126,414.83
Balance carried to next year					\$126,414.83
Total as above					\$126,414.83

PER CAPITA

During the year the average number of inmates has been 1,492.8631
 Total cost for maintenance, \$575,130.29
 Divided by 52 weeks to a weekly per capita cost of \$7.4087 (52 weeks to year)
 Less receipt from sales, \$1,362.32
 Balance to a weekly per capita of \$0.175
 Add other institution receipts, \$71,801.25
 Balance to a weekly per capita of \$0.9248
 Total weekly per capita \$6.4663

Respectfully submitted,

YVONNE B. PATENAUDE, *Treasurer.*

STATISTICAL TABLES

AS ADOPTED BY THE AMERICAN PSYCHIATRIC ASSOCIATION PRESCRIBED BY THE
 MASSACHUSETTS DEPARTMENT OF MENTAL DISEASES

TABLE 1. *General Information*

Data correct at end of hospital year, November 30, 1929

Date of opening as a hospital for mental diseases, 1854.

Type of hospital: State

Hospital plant:

Value of hospital property:

Real estate, including buildings \$1,092,932.71

Personal property 250,345.42

Total \$1,343,278.13

Total acreage of hospital property owned, 443

Total acreage under cultivation during previous year 302

4. Officers and employees:

	Actually in Service at End of Year			Vacancies at End of Year		
	M.	F.	T.	M.	F.	T.
Superintendents	1	-	1	-	-	-
Assistant physicians	6	1	7	3	-	3
Total physicians	7	1	8	3	-	3
Stewards	1	-	1	-	-	-
Resident dentists	1	-	1	-	-	-
Pharmacists	-	1	1	-	-	-
Graduate nurses	3	16	19	-	-	-
Other nurses and attendants	73	70	143	9	8	17
Occupational therapists	-	3	3	-	-	-
Social workers	-	3	3	-	-	-
All other officers and employees	67	52	119	-	5	5
Total officers and employees.	152	146	298	12	13	25

NOTE: — The following items, 5-10 inclusive, are for the year ended September 30, 1929.

5. Census of patient population at end of year

	Actually in Hospital			Absent from Hospital but still on Books		
	M.	F.	T.	M.	F.	T.
White:						
Insane.	735	730	1465	83	88	176
Mental defectives	-	2	2	-	-	-
All other cases	1	-	1	-	-	-
Total	736	732	1468	88	88	176
Other Races:						
Insane	21	17	38	-	2	2
Total	21	17	38	-	2	2
Grand Total	757	749	1506	88	90	178

	Males	Females	Total
6. Patients under treatment in occupational-therapy classes, including physical training, on date of report.	78	212	290
7. Other patients employed in general work of hospital on date of report	499	480	979
8. Average daily number of all patients actually in hospital during year.	736.1774	753.0195	1494.197
9. Voluntary patients admitted during year.	-	1	1
10. Persons given advice or treatment in out-patient clinics during year	119	73	192

TABLE 2. Financial Statement

See Treasurer's report for data requested under this table

NOTE: — The following Tables 3-19, inclusive, are for the statistical year ended September 30, 1929.

	INSANE			SANE VOLUNTARY			TEMPORARY CARE AND OBSERVATION			TOTAL		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Patients on books of Institution September 30, 1928	814	839	1,653	2	-	2	6	5	11	822	844	1,666
Admissions during year:												
First admissions	181	169	350	-	-	-	39	13	52	220	182	402
Readmissions	40	35	75	-	1	1	7	-	7	47	36	83
Transfers from other hospitals for mental diseases	4	4	8	-	-	-	-	-	-	4	4	8
Total received during year	225	208	433	-	1	1	46	13	59	271	222	493
Total on books during year	1,039	1,047	2,086	2	1	3	52	18	70	1,093	1,066	2,159
Discharged from books during year:												
As recovered	20	12	32	-	-	-	18	4	22	38	16	54
As improved	80	64	144	1	-	1	3	1	4	84	65	149
As unimproved	4	5	9	-	-	-	5	-	5	9	5	14
As without psychoses.	1	1	2	-	1	1	17	6	23	18	8	26
Transferred to other hospitals for mental diseases	8	45	53	-	-	-	-	-	-	8	45	53
Died during year	84	86	170	1	-	1	6	2	8	91	88	179
Total discharged, transferred and died during year	197	213	410	2	1	3	49	13	62	248	227	475
Insane patients remaining on books of hospital at end of hospital year	755	745	1,500	-	-	-	2	4	6	757	749	1,506
In hospital	88	89	177	-	-	-	-	1	1	88	90	178
On parole or otherwise absent	843	834	1,677	-	-	-	2	5	7	845	839	1,684
Total on books September 30, 1929*												

*Owing to a change of criteria, to prevent the counting of one patient twice on successive statistical years, the totals in the Insane and Temporary Care columns will not balance for the statistical year 1929, but will balance in future years.

TABLE 4. *Nativity of First Admissions and of Parents of First Admissions*

NATIVITY	PATIENTS			PARENTS OF MALE PATIENTS			PARENTS OF FEMALE PATIENTS		
	M.	F.	T.	Fathers	Mothers	Both Parents	Fathers	Mothers	Both Parents
United States	102	94	196	44	43	37	52	50	44
Austria	2	2	4	2	2	2	1	1	1
Canada ¹	21	22	43	36	37	34	27	32	25
England	11	7	18	18	18	16	11	12	10
Finland	1	1	2	1	1	1	1	1	1
France	2	—	2	1	1	1	—	—	—
Germany	1	1	2	1	1	1	2	2	2
Greece	4	—	4	4	4	4	—	—	—
Ireland	10	13	23	21	24	19	24	23	22
Italy	2	7	9	5	5	5	10	10	10
Norway	—	—	—	—	—	—	1	—	—
Poland	7	3	10	7	7	7	5	5	5
Portugal	13	10	23	22	20	20	12	12	12
Russia	—	2	2	2	2	2	3	3	3
Scotland	1	4	5	4	1	1	6	5	5
South America	—	—	—	—	—	—	1	—	—
Sweden	2	1	3	3	4	3	2	3	2
Other countries	2	—	2	2	2	2	—	—	—
Unascertained	—	2	2	8	9	8	11	10	10
Total	181	169	350	181	181	163	169	169	152

¹ Includes Newfoundland.

TABLE 5. *Citizenship of First Admission*

	Males	Females	Total
Citizens by birth	102	94	196
Citizens by naturalization	32	22	54
Aliens	37	38	75
Citizenship unascertained	10	15	25
Total	181	169	350

TABLE 6. *Psychoses of First Admissions*

PSYCHOSES	M.	F.	T.	M.	F.	T.
1. Traumatic psychoses				2	—	2
2. Senile psychoses				16	32	48
3. Psychoses with cerebral arteriosclerosis				29	22	51
4. General paralysis				25	6	31
5. Psychoses with cerebral syphilis				2	1	3
6. Psychoses with Huntington's chorea				—	1	1
7. Psychoses with brain tumor				—	—	—
8. Psychoses with other brain or nervous diseases, total				4	4	8
Other diseases	4	4	8			
9. Alcoholic psychoses, total				28	3	31
Delirium tremens	5	—	5			
Korsakow's psychosis	1	—	1			
Acute hallucinosis	10	1	11			
Other types, acute or chronic	12	2	14			
10. Psychoses due to drugs and other exogenous toxins, total				—	1	1
Other exogenous toxins	—	1	1			
11. Psychoses with pellagra				—	—	—
12. Psychoses with other somatic diseases, total				4	5	9
Cardio-renal diseases	2	—	2			
Other diseases or condition	2	5	7			
13. Manic-depressive psychoses, total				7	16	23
Manic type	4	12	16			
Depressive type	3	3	6			
Other types	—	1	1			
14. Involution melancholia				5	15	20
15. Dementia praecox (schizophrenia)				45	46	91
16. Paranoia and paranoid conditions				2	9	11
17. Epileptic psychoses				3	—	3
18. Psychoneuroses and neuroses, total				1	3	4
Hysterical type	—	1	1			
Psychasthenic type (anxiety and obsessive forms)	—	2	2			
Other types	1	—	1			
19. Psychoses with psychopathic personality				2	1	3
20. Psychoses with mental deficiency				5	3	8
21. Undiagnosed psychoses				—	1	1
22. Without psychosis, total				1	—	1
Psychopathic personality without psychosis	1	—	1			
Total				181	169	350

TABLE 7. *Race of First Admissions Classified with Reference to Principal Psychoses*

RACE	Total			Trau- matic			Senile			With cerebral arterio- sclerosis			General paralysis		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
American (black)	-	2	2	-	-	-	-	-	-	-	-	-	-	-	-
American Indian	-	1	1	-	-	-	-	-	-	-	1	1	-	-	-
Argentinian	-	1	1	-	-	-	-	1	1	-	-	-	-	-	-
Austrian	60	61	121	-	-	-	9	15	24	10	11	21	8	1	9
Belgian	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-
Bohemian	31	24	55	-	-	-	4	3	7	6	3	9	5	2	7
Bosnian	1	2	3	-	-	-	-	-	-	1	1	2	-	-	-
Breton	4	-	4	1	-	1	-	-	-	-	-	-	-	-	-
Bulgarian	1	4	5	-	-	-	-	1	1	-	1	1	-	-	-
Canadian	26	26	52	-	-	-	2	7	9	8	3	11	2	3	5
Czech	5	10	15	-	-	-	-	-	-	-	1	1	2	-	2
Danish	21	13	34	-	-	-	-	-	-	-	-	-	5	-	5
French	3	3	6	-	-	-	-	-	-	-	-	-	-	-	-
German	1	7	8	-	-	-	-	2	2	-	-	-	-	-	-
Greek	12	6	18	-	-	-	-	-	-	-	-	-	1	-	1
Irish	14	7	21	1	-	1	-	3	3	4	-	4	2	-	2
Italian	1	1	2	-	-	-	1	-	1	-	1	1	-	-	-
Total	181	169	350	2	-	2	16	32	48	29	22	51	25	6	31

TABLE 7. *Race of First Admissions Classified with Reference to Principal Psychoses — Continued.*

RACE	With cerebral syphilis			With Huntington's chorea			With other brain or nervous diseases			Alcoholic			Due to drugs and other exogenous toxins		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
American (black)	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-
American Indian	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Argentinian	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Austrian	1	-	1	-	1	1	1	-	1	6	-	6	-	-	-
Belgian	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-
Bohemian	-	1	1	-	-	-	-	-	-	6	-	6	-	1	1
Bosnian	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Breton	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Bulgarian	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Canadian	-	-	-	-	-	-	1	-	1	5	2	7	-	-	-
Czech	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-
Danish	-	-	-	-	-	-	-	1	1	2	1	3	-	-	-
French	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-
German	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-
Greek	-	-	-	-	-	-	1	1	2	5	-	5	-	-	-
Irish	-	-	-	-	-	-	1	-	1	1	-	1	-	-	-
Italian	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	2	1	3	-	1	1	4	4	8	28	3	31	-	1	1

(Includes "North" and "South.")

(Norwegian, Dane and Swede.)

(Includes Bohemian, Bosnian, Croatian, Dalmatian, Herzegovinian, Montenegrin, Moravian, Polish, Rumanian, Ruffenian, Servian, Slovak, Slovenian.)

TABLE 7. *Race of First Admissions Classified with Reference to Principal Psychoses — Continued*

RACE	With other somatic diseases			Manic-depressive			Involution melancholia			Dementia praecox			Paranoia and paranoid conditions	
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.
African (black)	—	—	—	—	—	—	—	—	—	—	1	1	—	—
American Indian	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Armenian	—	—	—	—	—	—	—	—	—	—	—	—	—	—
English	2	2	4	4	4	8	3	5	8	10	15	25	—	2
Finnish	—	—	—	—	—	—	—	—	—	—	1	1	—	—
French	—	1	1	2	3	5	—	2	2	6	8	14	—	—
German	—	—	—	—	—	—	—	—	—	—	1	1	—	—
Greek	—	—	—	—	—	—	—	—	—	2	—	2	—	—
Hebrew	—	1	1	—	—	—	—	—	—	1	1	2	—	—
Irish	2	1	3	—	3	3	1	2	3	3	3	6	—	2
Italian ¹	—	—	—	—	1	1	—	3	3	3	3	6	—	1
Portuguese	—	—	—	—	1	1	—	—	—	11	7	18	1	2
Scandinavian ²	—	—	—	—	—	—	—	—	—	2	1	3	—	1
Scotch	—	—	—	—	1	1	—	2	2	—	2	2	—	—
Slavonic ³	—	—	—	1	2	3	—	1	1	4	2	6	—	—
Mixed	—	—	—	—	1	1	1	—	1	3	1	4	1	1
Race unascertained	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	4	5	9	7	16	23	5	15	20	45	46	91	2	9

TABLE 7. *Race of First Admissions Classified with Reference to Principal Psychoses — Concluded*

RACE	Epileptic psychoses			Psycho-neuroses and neuroses			With psychopathic personality			With mental deficiency			Un-diagnosed psychoses			Without psychoses	
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.
African (black)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
American Indian	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Armenian	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
English	1	—	1	1	—	1	1	1	2	3	3	6	—	1	1	—	—
Finnish	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
French	—	—	—	—	—	—	1	—	1	1	—	1	—	—	—	—	—
German	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Greek	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hebrew	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Irish	—	—	—	—	—	—	—	—	—	1	—	1	—	—	—	1	—
Italian ¹	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Portuguese	2	—	2	—	1	1	—	—	—	—	—	—	—	—	—	—	—
Scandinavian ²	—	—	—	—	1	1	—	—	—	—	—	—	—	—	—	—	—
Scotch	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Slavonic ³	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mixed	—	—	—	—	1	1	—	—	—	—	—	—	—	—	—	—	—
Race unascertained	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	3	—	3	1	3	4	2	1	3	5	3	8	—	1	1	1	—

¹ Includes "North" and "South."

² Norwegians, Danes and Swedes.

³ Includes Bohemians, Bosnian, Croatian, Dalmatian, Herzegovinian, Montenegrin, Moravian, Polish, Russian, Ruthenian, Servian, Slovak, Slovenian.

TABLE 8. *Age of First Admissions Classified with Reference to Principal Psychoses*

PSYCHOSES	Total			Under 15 years			15-19 years			20-24 years			25-29 years		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-
2. Senile	16	32	48	-	-	-	-	-	-	-	-	-	-	-	-
3. With cerebral arteriosclerosis	29	22	51	-	-	-	-	-	-	-	-	-	-	-	-
4. General paralysis	25	6	31	-	-	-	-	-	-	-	-	-	4	-	4
5. With cerebral syphilis	2	1	3	-	-	-	-	-	-	-	-	-	-	-	-
6. With Huntington's chorea	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-
7. With brain tumor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8. With other brain or nervous diseases	4	4	8	-	-	-	-	-	-	1	2	3	1	-	1
9. Alcoholic	28	3	31	-	-	-	-	-	-	-	-	-	3	-	3
10. Due to drugs and other exogenous toxins	-	1	1	-	-	-	-	-	-	-	-	-	-	1	1
11. With pellagra	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12. With other somatic diseases	4	5	9	-	-	-	-	1	1	-	-	-	-	-	-
13. Manic-depressive	7	16	23	-	-	-	-	-	-	-	1	1	1	2	3
14. Involution melancholia	5	15	20	-	-	-	-	-	-	-	-	-	-	-	-
15. Dementia praecox	45	46	91	1	1	2	6	4	10	13	6	19	6	10	16
16. Paranoia and paranoid conditions	2	9	11	-	-	-	-	-	-	-	-	-	-	-	-
17. Epileptic psychoses	3	-	3	-	-	-	1	-	1	-	-	-	1	-	1
18. Psychoneuroses and neuroses	1	3	4	-	-	-	-	-	-	-	-	-	-	-	-
19. With psychopathic personality	2	1	3	-	-	-	-	-	-	-	-	-	-	-	-
20. With mental deficiency	5	3	8	-	1	1	-	-	-	-	-	-	2	-	2
21. Undiagnosed psychoses	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-
22. Without psychosis	1	-	1	-	-	-	-	-	-	-	-	-	1	-	1
Total	181	169	350	1	2	3	7	5	12	14	9	23	19	13	32

TABLE 8. *Age of First Admissions Classified with Reference to Principal Psychoses — Continued*

PSYCHOSES	30-34 years			35-39 years			40-44 years			45-49 years			50-54 years		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Traumatic	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-
Senile	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
With cerebral arteriosclerosis	-	-	-	-	-	-	-	-	-	-	1	1	-	1	1
General paralysis	3	2	5	2	-	2	6	1	7	1	-	1	3	1	4
With cerebral syphilis	-	-	-	-	-	-	1	1	2	-	-	-	-	-	-
With Huntington's chorea	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-
With brain tumor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
With other brain or nervous diseases	-	-	-	-	1	1	-	-	-	-	-	-	1	1	2
Alcoholic	1	-	1	4	1	5	4	-	4	3	-	3	5	1	6
Due to drugs and other exogenous toxins	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
With pellagra	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
With other somatic diseases	-	-	-	-	-	-	-	-	-	1	2	3	1	1	2
Manic-depressive	2	3	5	-	3	3	-	-	-	1	2	3	1	2	3
Involution melancholia	-	-	-	-	-	-	-	1	1	2	4	6	-	4	4
Dementia praecox	8	7	15	4	6	10	4	4	8	2	3	5	1	4	5
Paranoia and paranoid conditions	1	-	1	-	1	1	-	2	2	-	-	-	-	2	2
Epileptic psychoses	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1
Psychoneuroses and neuroses	-	3	3	-	-	-	1	-	1	-	-	-	-	-	-
With psychopathic personality	1	1	2	-	-	-	1	-	1	-	-	-	-	-	-
With mental deficiency	-	-	-	-	-	-	-	2	2	-	-	-	2	-	2
Undiagnosed psychoses	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1
Without psychosis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	16	16	32	11	12	23	17	11	28	10	13	23	15	18	33

TABLE 8. *Age of First Admissions Classified with Reference to Principal Psychoses — Concluded*

PSYCHOSES	55-59 years			60-64 years			65-69 years			70 years and over		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	-	-	-	1	-	1	-	-	-	-	-	-
2. Senile	-	-	-	-	1	1	2	5	7	14	26	4
3. With cerebral arteriosclerosis	2	2	4	3	2	5	6	4	10	18	12	3
4. General paralysis	2	-	2	1	-	1	1	1	2	2	1	-
5. With cerebral syphilis	-	-	-	-	-	-	1	-	1	-	-	-
6. With Huntington's chorea	-	-	-	-	-	-	-	-	-	-	-	-
7. With brain tumor	-	-	-	-	-	-	-	-	-	-	-	-
8. With other brain or nervous diseases	-	-	-	-	-	-	-	-	-	1	-	-
9. Alcoholic	6	-	6	2	1	3	-	-	-	-	-	-
10. Due to drugs and other exogenous toxins	-	-	-	-	-	-	-	-	-	-	-	-
11. With pellagra	-	-	-	-	-	-	-	-	-	-	-	-
12. With other somatic diseases	1	-	1	-	-	-	1	1	2	-	-	-
13. Manic-depressive	1	-	1	1	-	1	-	3	3	-	-	-
14. Involution melancholia	1	3	4	2	3	5	-	-	-	-	-	-
15. Dementia praecox	-	1	1	-	-	-	-	-	-	-	-	-
16. Paranoia and paranoid conditions	-	1	1	-	1	1	-	2	2	1	-	-
17. Epileptic psychoses	-	-	-	-	-	-	-	-	-	-	-	-
18. Psychoneuroses and neuroses	-	-	-	-	-	-	-	-	-	-	-	-
19. With psychopathic personality	-	-	-	-	-	-	-	-	-	-	-	-
20. With mental deficiency	-	-	-	1	-	1	-	-	-	-	-	-
21. Undiagnosed psychoses	-	-	-	-	-	-	-	-	-	-	-	-
22. Without psychosis	-	-	-	-	-	-	-	-	-	-	-	-
Total	13	7	20	11	8	19	11	16	27	36	39	7

TABLE 9. Degree of Education of First Admissions Classified with Reference to Principal Psychoses

PSYCHOSES	Total			Illiterate		Reads and writes ¹		Common school		High School		College		Unaccredited	
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	2	-	2	-	-	-	-	2	-	-	-	-	-	-	-
2. Senile	16	32	48	-	4	9	12	10	13	1	3	4	-	2	4
3. With cerebral arteriosclerosis	29	22	51	2	4	6	11	20	13	1	-	1	-	1	2
4. General paralysis	25	6	31	3	3	1	1	17	5	2	-	-	-	2	1
5. With cerebral syphilis	2	1	3	-	-	1	-	1	1	2	-	-	-	-	3
6. With Huntington's chorea	-	1	1	-	-	-	-	-	1	-	-	-	-	-	-
7. With brain tumor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8. With other brain or nervous diseases	4	4	8	1	1	1	1	3	2	1	-	-	-	-	-
9. Alcoholic	28	3	31	1	-	6	7	19	2	2	-	-	-	-	-
10. Due to drugs and other exogenous toxins	-	1	1	-	-	-	-	-	1	-	-	-	-	-	-
11. With pellagra	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12. With other somatic diseases	4	5	9	-	-	2	2	3	3	1	-	1	-	-	-
13. Manic-depressive	7	16	23	-	3	1	1	6	10	1	2	3	-	-	-
14. Involution melancholia	5	15	20	-	1	2	2	5	11	-	1	1	-	-	-
15. Dementia praecox	45	46	91	3	4	3	6	33	24	3	9	12	1	2	4
16. Paranoia and paranoid conditions	2	9	11	-	2	1	1	2	5	1	1	-	-	-	-
17. Epileptic psychoses	3	-	3	-	-	1	-	2	-	-	-	-	-	-	-
18. Psychoneuroses and neuroses	1	3	4	-	-	-	-	1	3	-	-	-	-	-	-
19. With psychopathic personality	2	1	3	-	-	-	-	2	1	-	-	-	-	-	-
20. With mental deficiency	5	3	8	2	1	-	-	2	2	-	-	-	-	1	1
21. Undiagnosed psychoses	-	1	1	-	-	-	-	-	1	-	-	-	-	-	-
22. Without psychosis	1	-	1	-	-	-	-	-	-	1	-	-	-	-	-
Total	181	169	350	11	18	29	49	128	98	13	16	29	1	2	14

¹ Includes those who did not complete fourth grade in school.

TABLE 10. *Environment of First Admissions Classified with Reference to Principal Psychoses*

PSYCHOSES	Total			Urban			Rural			Unascertained	
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.
1. Traumatic	2	—	2	2	—	2	—	—	—	—	—
2. Senile	16	32	48	14	29	43	2	3	5	—	—
3. With cerebral arteriosclerosis	29	22	51	28	19	47	1	3	4	—	—
4. General paralysis	25	6	31	22	4	26	3	2	5	—	—
5. With cerebral syphilis	2	1	3	2	1	3	—	—	—	—	—
6. With Huntington's chorea	—	1	1	—	1	1	—	—	—	—	—
7. With brain tumor	—	—	—	—	—	—	—	—	—	—	—
8. With other brain or nervous diseases	4	4	8	4	3	7	—	1	1	—	—
9. Alcoholic	28	3	31	26	3	29	2	—	2	—	—
10. Due to drugs and other exogenous toxins	—	1	1	—	1	1	—	—	—	—	—
11. With pellagra	—	—	—	—	—	—	—	—	—	—	—
12. With other somatic diseases	4	5	9	4	4	8	—	1	1	—	—
13. Manic-depressive	7	16	23	7	15	22	—	1	1	—	—
14. Involution melancholia	5	15	20	5	12	17	—	3	3	—	—
15. Dementia praecox	45	46	91	41	44	85	2	2	4	2	—
16. Paranoia and paranoid conditions	2	9	11	2	7	9	—	2	2	—	—
17. Epileptic psychoses	3	—	3	3	—	3	—	—	—	—	—
18. Psychoneuroses and neuroses	1	3	4	—	3	3	1	—	1	—	—
19. With psychopathic personality	2	1	3	2	1	3	—	—	—	—	—
20. With mental deficiency	5	3	8	4	2	6	1	1	2	—	—
21. Undiagnosed psychoses	—	1	1	—	1	1	—	—	—	—	—
22. Without psychosis	1	—	1	1	—	1	—	—	—	—	—
Total	181	169	350	167	150	317	12	19	31	2	—

TABLE 11. *Economic Condition of First Admissions Classified with Reference to Principal Psychoses*

PSYCHOSES	Total			Dependent			Marginal			Comfortable			Unascertained	
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.
1. Traumatic	2	—	2	—	—	—	2	—	2	—	—	—	—	—
2. Senile	16	32	48	6	5	11	9	25	34	1	2	3	—	—
3. With cerebral arteriosclerosis	29	22	51	14	3	17	15	18	33	—	—	—	—	1
4. General paralysis	25	6	31	6	—	6	19	6	25	—	—	—	—	—
5. With cerebral syphilis	2	1	3	—	—	—	2	1	3	—	—	—	—	—
6. With Huntington's chorea	—	1	1	—	—	—	—	1	1	—	—	—	—	—
7. With brain tumor	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8. With other brain or nervous diseases	4	4	8	—	—	—	4	4	8	—	—	—	—	—
9. Alcoholic	28	3	31	4	—	4	23	3	26	1	—	1	—	—
10. Due to drugs and other exogenous toxins	—	1	1	—	—	—	—	1	1	—	—	—	—	—
11. With pellagra	—	—	—	—	—	—	—	—	—	—	—	—	—	—
12. With other somatic diseases	4	5	9	1	—	1	3	5	8	—	—	—	—	—
13. Manic-depressive	7	16	23	—	—	—	6	16	22	1	—	1	—	—
14. Involution melancholia	5	15	20	—	—	—	5	15	20	—	—	—	—	—
15. Dementia praecox	45	46	91	7	4	11	37	40	77	—	1	1	1	1
16. Paranoia and paranoid conditions	2	9	11	—	1	1	1	8	9	1	—	1	—	—
17. Epileptic psychoses	3	—	3	1	—	1	2	—	2	—	—	—	—	—
18. Psychoneuroses and neuroses	1	3	4	1	—	1	—	3	3	—	—	—	—	—
19. With psychopathic personality	2	1	3	—	1	1	2	—	2	—	—	—	—	—
20. With mental deficiency	5	3	8	2	—	2	3	3	6	—	—	—	—	—
21. Undiagnosed psychoses	—	1	1	—	—	—	—	1	1	—	—	—	—	—
22. Without psychosis	1	—	1	—	—	—	1	—	1	—	—	—	—	—
Total	181	169	350	42	14	56	134	150	284	4	3	7	1	2

TABLE 12. *Use of Alcohol by First Admissions Classified with Reference to Principal Psychoses*

PSYCHOSES	Total			Abstinent			Temperate			Intemperate			Unascertained		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Traumatic	2	—	2	1	—	1	—	—	—	1	—	1	—	—	—
Senile	16	32	48	5	30	35	7	1	8	2	—	2	2	1	3
With cerebral arterio-sclerosis	29	22	51	14	22	36	12	—	12	3	—	3	—	—	—
General paralysis	25	6	31	6	2	8	12	1	13	7	3	10	—	—	—
With cerebral syphilis	2	1	3	—	1	1	1	—	1	1	—	1	—	—	—
With Huntington's chorea	—	1	1	—	1	1	—	—	—	—	—	—	—	—	—
With brain tumor	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
With other brain or nervous diseases	4	4	8	3	2	5	—	1	1	1	1	2	—	—	—
Alcoholic	28	3	31	—	—	—	—	—	—	28	3	31	—	—	—
Due to drugs and other exogenous toxins	—	1	1	—	—	—	—	—	—	—	1	1	—	—	—
With pellagra	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
With other somatic diseases	4	5	9	2	5	7	1	—	1	1	—	1	—	—	—
Manic-depressive	7	16	23	4	13	17	2	2	4	1	1	2	—	—	—
Involution melancholia	5	15	20	1	12	13	4	2	6	—	1	1	—	—	—
Dementia praecox	45	46	91	25	39	64	12	5	17	6	1	7	2	1	3
Paranoia and paranoid conditions	2	9	11	—	5	5	2	3	5	—	1	1	—	—	—
Epileptic psychoses	3	—	3	2	—	2	—	—	—	—	—	—	1	—	1
Psychoneuroses and neuroses	1	3	4	1	3	4	—	—	—	—	—	—	—	—	—
With psychopathic personality	2	1	3	—	—	—	1	1	2	1	—	1	—	—	—
With mental deficiency	5	3	8	4	2	6	—	1	1	—	—	—	1	—	1
Undiagnosed psychoses	—	1	1	—	—	—	—	1	1	—	—	—	—	—	—
Without psychosis	1	—	1	1	—	1	—	—	—	—	—	—	—	—	—
Total	181	169	350	69	137	206	54	18	72	52	12	64	6	2	8

TABLE 13. *Marital Condition of First Admissions Classified with Reference to Principal Psychoses*

PSYCHOSES	Total			Single		Married		Widowed		Separated		Divorced	
	M.	F.	T.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
1. Traumatic	2	-	2	1	-	-	-	1	-	-	-	-	-
2. Senile	16	32	48	3	9	7	10	10	19	-	-	-	-
3. With cerebral arteriosclerosis	29	22	51	4	6	15	8	10	8	-	-	-	-
4. General paralysis	25	6	31	3	2	13	2	7	2	-	-	2	2
5. With cerebral syphilis	2	1	3	1	-	1	1	-	-	-	-	-	-
6. With Huntington's chorea	-	1	1	-	-	-	1	-	-	-	-	-	-
7. With brain tumor	-	-	-	-	-	-	-	-	-	-	-	-	-
8. With other brain or nervous diseases	4	4	8	2	1	2	2	-	1	-	-	-	-
9. Alcoholic	28	3	31	11	-	12	-	5	2	-	-	-	1
10. Due to drugs and other exogenous toxins	-	1	1	-	-	-	1	-	-	-	-	-	-
11. With pellagra	-	5	9	1	3	2	4	1	-	-	-	-	-
12. With other somatic diseases	4	16	20	3	4	2	8	1	3	-	-	1	1
13. Manic-depressive	7	15	22	3	4	3	9	1	4	-	-	1	2
14. Involution melancholia	5	46	51	1	2	8	21	-	4	1	1	-	2
15. Dementia praecox	45	9	54	37	20	57	29	-	2	-	-	-	-
16. Paranoia and paranoid conditions	2	9	11	2	-	7	9	-	2	-	-	-	-
17. Epileptic psychoses	3	-	3	2	-	1	1	-	-	-	-	-	-
18. Psychoneuroses and neuroses	1	3	4	1	1	2	2	-	-	-	-	-	-
19. With psychopathic personality	2	1	3	2	1	-	-	-	-	-	-	-	-
20. With mental deficiency	5	3	8	5	2	-	1	-	-	-	-	-	-
21. Undiagnosed psychoses	-	1	1	-	-	-	-	-	-	-	-	-	1
22. Without psychosis	1	-	1	-	-	1	-	-	-	-	-	-	-
Total	181	169	350	77	48	65	72	35	43	1	1	3	5
				125		137		78		2		8	

TABLE 14. *Psychoses of Readmissions*

PSYCHOSES	Males	Females	Total
Traumatic psychoses	—	—	—
Senile psychoses	1	1	2
Psychoses with cerebral arteriosclerosis	3	4	7
General paralysis	2	—	2
Psychoses with cerebral syphilis	—	—	—
Psychoses with Huntington's chorea	—	—	—
Psychoses with brain tumor	—	—	—
Psychoses with other brain or nervous diseases	—	—	—
Alcoholic psychoses	7	1	8
Psychoses due to drugs and other exogenous toxins	—	—	—
With pellagra	—	—	—
Psychoses with other somatic diseases	—	—	—
Manic-depressive psychoses	8	7	15
Involution melancholia	—	3	3
Dementia præcox	13	17	35
Paranoia and paranoid conditions	—	—	—
Epileptic psychoses	1	—	1
Psychoneuroses and neuroses	—	—	—
Psychoses with psychopathic personality	—	—	—
Psychoses with mental deficiency	—	2	2
Undiagnosed psychoses	—	—	—
Without psychosis	—	—	—
Total	40	35	75

TABLE 15. *Discharges of Patients Classified with Reference to Principal Psychoses and Condition on Discharge*

PSYCHOSES	Total			Recovered			Improved			Unimproved		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Traumatic	1	—	1	—	—	—	1	—	1	—	—	—
Senile	5	—	5	—	—	—	4	—	4	1	—	1
With cerebral arteriosclerosis	4	7	11	—	—	—	3	7	10	1	—	1
General paralysis	2	1	3	—	—	—	2	1	3	—	—	—
With cerebral syphilis	1	—	1	1	—	1	—	—	—	—	—	—
With Huntington's chorea	—	—	—	—	—	—	—	—	—	—	—	—
With brain tumor	—	—	—	—	—	—	—	—	—	—	—	—
With other brain or nervous diseases	3	—	3	—	—	—	3	—	3	—	—	—
Alcoholic	19	4	23	9	—	9	10	4	14	—	—	—
Due to drugs and other exogenous toxins	—	—	—	—	—	—	—	—	—	—	—	—
With pellagra	—	—	—	—	—	—	—	—	—	—	—	—
With other somatic diseases	—	—	—	—	—	—	—	—	—	—	—	—
Manic-depressive	8	20	28	3	8	11	5	11	16	—	1	1
Involution melancholia	7	10	17	4	2	6	3	8	11	—	—	—
Dementia præcox	35	28	63	1	1	2	33	23	56	1	4	5
Paranoia and paranoid conditions	6	4	10	1	—	1	4	4	8	1	—	1
Epileptic psychoses	2	—	2	—	—	—	2	—	2	—	—	—
Psychoneuroses and neuroses	4	1	5	—	—	—	4	1	5	—	—	—
With psychopathic personality	3	2	5	—	1	1	3	1	4	—	—	—
With mental deficiency	2	3	5	1	—	1	1	3	4	—	—	—
Undiagnosed psychoses	2	1	3	—	—	—	2	1	3	—	—	—
Without psychosis	1	1	2	—	—	—	—	—	—	—	—	—
Total	105	82	187	20	12	32	80	64	144	4	5	9

Psychozes	40-44 years	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70 years and over
	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.
1. Traumatic	- -	- -	- -	- -	1 -	- -	- -
2. Senile	- -	- -	1 -	- -	1 -	- -	- -
3. With cerebral arteriosclerosis	- -	- -	- 1	- 2	3 -	1 1	8 21
4. General paralysis	5 1	2 -	2 1	- -	1 1	4 1	17 9
5. With cerebral syphilis	- -	- -	- -	- -	- -	1 -	2 -
6. With Huntington's chorea	- -	- 1	- -	- 1	- -	- -	- -
7. With brain tumor	- -	- 1	- -	- -	- -	- -	- -
8. With other brain or nervous diseases	- -	- 1	1 -	- -	1 -	- -	1 -
9. Alcoholic	1 -	- -	1 -	- -	1 -	- -	- -
10. Due to drugs and other exogenous toxins	- -	- -	- -	- -	- -	- -	- -
11. With pellagra	- -	- -	- -	- 1	- -	- -	- -
12. With other somatic diseases	- -	2 2	1 -	1 -	1 -	1 1	- -
13. Manic-depressive	- -	- 1	1 1	1 2	1 2	- -	1 1
14. Involution melancholia	- -	2 2	2 2	1 1	2 1	- -	2 -
15. Dementia praecox	2 1	1 2	3 3	3 4	1 1	1 1	1 4
16. Paranoia and paranoid conditions	- -	- -	- -	- -	1 1	- -	5 -
17. Epileptic psychoses	- -	- -	1 1	- -	- -	1 -	- -
18. Psychoneuroses and neuroses	- -	- -	- -	- -	- -	- -	- -
19. With psychopathic personality	- -	- -	- -	- -	- -	- -	- -
20. With mental deficiency	1 -	- -	1 1	- -	- -	1 -	1 -
21. Undiagnosed psychoses	- -	- -	1 1	- -	- -	- -	- -
22. Without psychosis	- -	- -	- -	- -	- -	- -	- -
Total	9 2 11	3 9 12	6 11 17	4 7 11	12 7 19	8 3 11	32 35 67

TABLE 18. *Total Duration of Hospital Life of Patients Dying in Hospital Classified According to Principal Psychoses*

PSYCHOSES	Total			Less than 1 month		1-3 months		4-7 months		8-12 months		1-2 years		3-4 years	
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	1	-	1	-	-	-	1	-	-	-	-	-	-	-	-
2. Senile	10	22	32	3	5	8	3	4	7	-	-	-	-	1	1
3. With cerebral arteriosclerosis	24	13	37	10	2	12	6	2	9	1	1	5	1	1	2
4. General paralysis	16	6	22	1	2	3	1	5	1	2	1	3	4	-	4
5. With cerebral syphilis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6. With Huntington's chorea	1	1	2	-	1	1	-	-	-	-	-	-	-	-	-
7. With brain tumor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8. With other brain or nervous diseases	4	1	5	-	-	-	1	-	1	1	1	2	-	-	-
9. Alcoholic	4	1	5	-	1	1	1	-	-	2	-	-	-	-	-
10. Due to drugs and other exogenous toxins	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11. With pellagra	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12. With other somatic diseases	3	4	7	1	1	2	1	1	2	-	-	1	-	1	1
13. Manic-depressive	2	6	8	1	-	1	1	-	-	-	1	3	-	-	-
14. Involution melancholia	4	6	10	1	3	3	1	-	3	-	1	1	-	-	-
15. Dementia praecox	10	21	31	-	-	-	-	-	-	-	-	2	2	3	6
16. Paranoia and paranoid conditions	-	1	1	-	-	-	-	-	-	-	-	1	-	1	2
17. Epileptic psychoses	2	2	4	-	-	-	-	-	-	-	-	-	-	-	-
18. Psychoneuroses and neuroses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19. With psychopathic personality	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20. With mental deficiency	3	1	4	-	-	-	-	-	-	-	-	-	-	1	1
21. Undiagnosed psychoses	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-
22. Without psychosis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	84	86	170	16	15	31	15	11	26	6	2	8	7	21	28
								13	3	16			10	7	17

TABLE 18. Total Duration of Hospital Life of Patients Dying in Hospital Classified According to Principal Psychoses — Concluded

PSYCHOSES	5-6 years		7-8 years		9-10 years		11-12 years		13-14 years		15-19 years		20 years and over	
	M.	F. T.	M.	F. T.	M.	F. T.	M.	F. T.	M.	F. T.	M.	F. T.	M.	F. T.
1. Traumatic	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2. Suicide	-	-	-	1 1	-	1 1	-	1 1	-	-	-	2 2	-	-
3. With cerebral arteriosclerosis	-	2	-	-	-	-	-	-	-	-	-	-	-	-
4. General paralysis	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5. With cerebral syphilis	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6. With Huntington's chorea	1	-	-	-	-	-	-	-	-	-	-	-	-	-
7. With brain tumor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8. With other brain or nervous diseases	-	-	-	-	-	-	-	-	-	-	-	-	1	1
9. Alcohol	-	-	-	-	-	-	-	-	1	1	-	-	-	-
10. Due to drugs and other exogenous toxins	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11. With pellagra	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12. With other somatic diseases	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13. Manic-depressive	-	-	1	1 2	-	-	-	-	-	-	-	1 1	-	-
14. Involution melancholia	-	-	-	-	-	-	1	1	1	1	1	1	-	-
15. Dementia praecox	1	4 5	1	3 4	-	-	-	1 1	1 2 3	2 2 4	2 2 4	2 4 6	-	-
16. Paranoia and paranoid conditions	-	-	-	-	-	-	-	-	-	-	1	-	-	-
17. Epileptic psychoses	-	1 1	-	-	-	-	-	-	-	-	-	1	-	-
18. Psychoneuroses and neuroses	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19. With psychopathic personality	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20. With mental deficiency	-	1 1	-	-	-	-	-	-	1	1	-	-	1	1
21. Undiagnosed psychoses	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22. Without psychosis	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	2	8 10	2	5 7	-	1 1	1	2 3	4	2 6	4	5 9	4	4 8

TABLE 19. *Family Care Department*

	Male	Female	Total
Remaining in Family Care October 1, 1928	-	6	6
On visit from Family Care October 1, 1928	-	-	-
Admitted during year	-	1	1
Whole number of cases within the year	-	7	7
Dismissed within the year	-	2	2
Returned to institution	-	2	2
Discharged	-	-	-
On visit	-	-	-
Remaining in Family Care September 30, 1929	-	5	5
Supported by State	-	2	2
Private	-	-	-
Self-supporting	-	3	3
Number of different persons within the year	-	3	3
Number of different persons dismissed	-	2	2
Number of different persons admitted	-	1	1
Average daily number in Family Care during the year	-	5.8076	5.8
Supported by State	-	.5479	.5
Private	-	-	-
Self-supporting	-	.8219	.8

The Commonwealth of Massachusetts



ANNUAL REPORT

OF THE

TRUSTEES

OF THE

TAUNTON STATE HOSPITAL

FOR THE

YEAR ENDING NOVEMBER 30, 1930

DEPARTMENT OF MENTAL DISEASES



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CARPENTER, MASS.

JUL 7 1931

TAUNTON STATE HOSPITAL

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LINDA A. J. RICHARDS, R.N., *Superintendent of Nurses Emerita*
1841-1930

TRUSTEES' REPORT

To His Excellency, the Governor, and the Honorable Council:

The Trustees of the Taunton State Hospital present herewith their seventh annual report together with Superintendent's report, financial report statistical tables.

The personnel of our Board has remained the same during the past year. the annual meeting, Arthur B. Reed, of North Abington and Mrs. Elizabeth C. Gifford of Cambridge, were re-elected to the respective offices of Chairman Secretary. All the meetings of the Board, both regular and special, have been well attended; those present at each meeting always exceeding the number required to constitute a quorum. Regular inspections have been made by committees appointed by the Chairman and a number of additional visits have been made by individual members.

We have been able to note a gradual and steady improvement of condition of the hospital and from our observations, we believe that relations between

7222
1930
2

stitution and the public are becoming more satisfactory to both parties concerned, year by year, and we urge the relatives and friends of patients to visit them frequently so that they may have a complete understanding of their condition at all times.

Many of the projects which were outlined in the ten-year program of several years ago, have been accomplished but much still remains to be done and we sincerely hope that the necessary appropriations will be forthcoming in the future they have in the past.

A new service section consisting of the industrial building, storehouse, kitchen, bakery and dining rooms for both patients and employees, has been completed and with the exception of the patients' dining room, it is all in full operation and we can say that this part of the institution is in very good condition. The excellent facilities for the storing, preparing and serving of food, provided by this unit, will, without doubt, serve to improve the quality of the meals, and indirectly, the morale of the personnel. The building of cement roads and sidewalks in the vicinity of this department was started as soon as the contractors had finished their work and will be completed early in the coming year. Most of the necessary landscaping has also been done; attractive courtyards where patients may enjoy an after-dinner smoke or an hour of ease have been provided and much attention has been paid to the decoration of the dining rooms so that they might be made as attractive as possible.

The Assembly Hall has been thoroughly renovated and there is now space for approximately 700 persons. A new stage with modern equipment has been provided and it is hoped that it will be possible to install a new moving picture machine which will enable the patients to enjoy moving pictures with sound as it is becoming more and more difficult to obtain suitable silent films.

The grounds have been greatly improved by the installation of a modern system of street-lighting along the driveway leading from the main entrance to the administration building, and the laying of underground conduit to accommodate the wires necessary for the telephone and fire-alarm systems. These changes will result in the removal of the old poles and overhead wires which were in such a condition to make replacement necessary.

Many of the roads have been replaced and repaired and during the spring, a large number of the shade trees were put in excellent condition by experts.

Special appropriations which we have requested for the coming year are as follows:

Root cellar, \$5,000; officers' cottages (2), \$15,000; Bay Street project, \$53,625; employees' garages, \$3,000; seats for chapel, \$2,190; creation of a recreation room, for patients, \$4,000; renovation of boiler room, \$45,000; Admission Building for 10 patients, \$500,000; sprinklers for the attics of the Industrial Building, male and female wings and rear center, \$24,763.

All of these projects are necessary and should be accomplished in the very near future. We are especially interested in the erection of a new admission building which would make possible the treatment of acute and recoverable cases by means of the latest approved methods. At the present time, cases of this type must be treated on large wards where they come in contact with too many other patients and where the facilities for proper treatment are inadequate. Such a building would not only increase the capacity and relieve a part of the crowding which has been serious for so many years; consequently, we urge the very careful consideration of this request. This building is the first of the new hospital group mentioned in last year's report. Other buildings in this group which it is planned to build are the hospital building to accommodate 80 medical and surgical cases as well as laboratories, operating rooms, etc.; male and female infirmaries to accommodate 150 patients each, and a building where active treatment may be given to certain cases of the continued treatment type who are in need of it. This building will also furnish space for all of those suffering from tuberculosis. The capacity would be 150 patients of each sex.

The appropriation of last year made possible the installation of automatic sprinklers in the attic of the administration building, which is considered to be the greatest fire hazard. This, however, is only a beginning and we hope that it

will be possible to make like installations in the attics of all the buildings where patients reside as well as all those buildings which are in close proximity with those occupied by patients.

The hospital has been inspected at frequent intervals by the Commissioner of Mental Diseases, George M. Kline, M.D., and the members of his staff.

In conclusion, we wish to express our gratitude for the cooperation which we have received during the year, from the different State Departments, the Department of Mental Diseases, the Superintendent of the hospital and all others with whom we have been associated.

ARTHUR B. REED, *Chairman*
JULIUS BERKOWITZ
MARY B. BESSE

ELIZABETH C. M. GIFFORD, *Secretary*
CHARLES C. CAIN, JR.
SAMUEL M. STONE

ASA A. MILLS

Trustee

SUPERINTENDENT'S REPORT

To the Trustees of the Taunton State Hospital:

The seventy-seventh annual report of the Superintendent of the Taunton State Hospital, for the fiscal year ending November 30, 1930, is respectfully submitted for your consideration.

The statistical tables relative to patients, cover the period beginning October 1, 1929 and ending September 30, 1930.

MOVEMENT OF POPULATION

On September 30, 1929, the hospital census was as follows: In the hospital, 749 men and 749 women, a total of 1,506. In family care, 5 women. On visit and escape, 88 men and 85 women, a total of 173, making a grand total of 1,684 including 845 men and 839 women on the books of the hospital. During the year ending September 30, 1930, 549 patients were received. Of this number, 219 men and 216 women, a total of 435 were classed as first admissions, 54 men and 54 women a total of 104 came as re-admissions and 7 men and 3 women, a total of 10 were transferred from other hospitals to this hospital.

Patients, 498 in number, including 281 men and 217 women were discharged during the same period. Of this number, 145 men and 103 women, a total of 248 were returned to the community, 77 men and 89 women, a total of 166 died and 59 men and 25 women, a total of 84, were transferred to other institutions.

The census on September 30, 1930, was as follows: In the hospital, 758 men and 770 women, a total of 1,528. On parole and otherwise absent, 86 men and 86 women, a total of 207 making a grand total of 1,735 including 844 men and 891 women on the books of the hospital. The total number of cases under treatment during the year was 2,233 (1,125 men and 1,108 women.)

Of the 435 first admissions, only 372 were actually committed to the hospital, the remaining 63 being under temporary care. Of the 104 re-admissions, only 63 were committed, there being 6 voluntary and 13 under temporary care.

FIRST ADMISSIONS

Nativity. Of the 372 committed first admissions, 99 men and 109 women, a total of 208 were born in the United States, and 81 men and 83 women, a total of 164 were born in other countries, the percentage of native-born being 56 and foreign born 44.

Citizenship. Of the 372 committed first admissions, 208 or 56% were citizens by birth, 52 or 14% were citizens by naturalization, 72 or 19% were aliens and 11% were unascertained.

Mental Diagnosis. The different forms of mental disease shown by the committed first admissions were as follows: dementia praecox, 90 or 24.19%; psychosis with cerebral arteriosclerosis, 51 or 13.71%; manic depressive, 28 or 7.53%; senile psychosis, 56 or 15.05%; alcoholic psychosis, 23 or 6.18%; general paralysis, 33 or 8.87%; involution melancholia, 17 or 4.57%; psychosis with mental deficiency, 16 or 4.30%; psychosis with other somatic diseases, 4 or 1.08%; undiagnosed psychoses, 20 or 5.38%; psychosis with other brain or nervous

ses, 8 or 2.15%; psychoneuroses and neuroses, 4 or 1.07%; epileptic psychoses, or 1.07%; psychosis with psychopathic personality, 2 or .54%; traumatic psychoses, 2 or .54%; paranoia and paranoid conditions, 10 or 2.69%; without psychosis, 2 or .54%; psychoses with Huntington's chorea, 1 or .27%; psychoses with allagra, 1 or .27%.

For further information concerning psychoses of first admissions, see statistical tables.

Age. Of the 372 committed first admissions, 129 or 34.68% were over 60 years age, 121 or 32.53% were between 40 and 60, the involution period, 113 or 30.38% were between 20 and 40, and 9 or 2.41% were under 20.

Education. Of the 372 committed first admissions, 34 or 9.14% were illiterate; or 18.28% could read and write; 195 or 52.42% had a common school education; or 11.02% had a high school education; 15 or 4.03% a college education and or 5.11% were unascertained.

Environment. Of the 372 committed first admissions, 341 or 91.67% were classed urban and 31 or 8.33% were rural.

RE-ADMISSIONS

Of the 85 patients re-admitted, the diagnoses were as follows: dementia praecox or 48.24%; manic depressive, 14 or 16.47%; alcoholic psychoses, 6 or 7.05%; psychoses with cerebral arteriosclerosis, 4 or 4.70%; involution melancholia, 1 or 1.18%; senile psychoses, 3 or 3.53%; general paralysis, 5 or 5.87%; psychoses with mental deficiency, 3 or 3.53%; epileptic psychoses, 1 or 1.18%; traumatic psychoses, 1 or 1.18%; psychoses with other brain or nervous diseases, 1 or 1.18%; paranoia and paranoid conditions, 1 or 1.18%; undiagnosed psychoses, 3 or 3.53%; without psychoses, 1 or 1.18%.

DISCHARGES

One hundred eighty-two of the 248 patients discharged were committed to the hospital. The remaining 66 were under temporary care and voluntary. The condition of the 182 discharged during the year, was as follows: recovered, 49 or 26.92%; improved, 117 or 64.28%; unimproved, 13 or 7.15%; without psychoses, or 1.65%.

DEATHS

The death rate for the year figured on the total number under treatment, was 43%.

One hundred fifty-five of the 166 patients dying during the year were committed. The remaining 11 were under temporary care. The causes of death were as follows: arteriosclerosis, 20 or 12.90%; bronchopneumonia, 25 or 16.13%; endocarditis and myocarditis, 28 or 18.06%; general paralysis of the insane, 17 or 10.97%; tuberculosis of the respiratory system, 13 or 8.39%; lobar pneumonia, 9 or 5.81%; cancer and other malignant tumors, 7 or 4.51%; accidental traumatism, 3 or 1.94%; other external causes, 3 or 1.94%; cerebral hemorrhage, apoplexy, 2 or 1.29%; hernia and intestinal obstruction, 2 or 1.29%; cirrhosis of the liver, 2 or 1.29%; nephritis, 2 or 1.29%; other diseases of skin and annexa, 1 or .65%; other causes, or 13.54%.

Of those who died, 106 or 68.39% were over 60, 34 or 21.94% were from 40 to 60, 15 or 9.67% were from 20 to 40. There were none under 20.

Our records show that at the close of the year, there were 25 ex-service men in the hospital.

MEDICAL SERVICE

During the past year, the same high standard of our Medical Staff has been maintained, in that all physicians are graduates of Class-A medical schools and are licensed to practice medicine in the Commonwealth of Massachusetts.

The Pathological Department has been handicapped by the lack of a resident pathologist but the work has continued to be carried on as described under the heading of laboratories. A slight decline has been noticed in the number of autopsies performed, although this has not been marked.

During the year there have been started lines of investigation which, because of their magnitude, have not been completed; one, a review of cases of general paralysis extending over a period of 20 years with a view to comparing the results of treatment by the old and new methods in this disease, and the other, a review of the cases discharged from the hospital during the year 1919, with a view to ascertaining the ultimate conditions of these cases.

The Visiting Staff has continued exceptionally active and interested and has responded at all times with very helpful assistance and advice.

We have been exceptionally fortunate in that there have been no epidemics of smallpox, as all cases of contagious nature have been diagnosed early and isolated efficiently that there has been no spread of the disease. Dr. Richard P. MacKnight, the district representative of the Department of Public Health, has continued to lend very valuable assistance and advice in the handling of those contagious cases which have occurred.

During the year, the following physicians have been added to the staff as a result of the resignation of previous members: Herve Gibeault, M.D., Abraham M. Stiffle, M.D., Olga E. Steinecke, M.D., Charles E. White, M.D.

SOCIAL SERVICE

The personnel of our Social Service Department has changed somewhat this year in that one worker resigned for further study, and a student who had just completed the course started this year under the Department of Mental Diseases and who had been receiving her practical training in this hospital, was appointed in her place. Two more students under the same system, have been added.

The plan begun in the middle of 1929 of having all of the histories taken by the Social Service Department has been continued, giving a total of 560 against 250 of the previous year. We are still looking toward the time when an increased number of workers will make it possible that all the histories be gathered in the setting from which the patient came. We regret that this increased history-taking, which is adding much to the value of this department in the hospital, has necessarily increased the number of supervision visits. The re-opening of the Fall River Clinic and consequent reporting thereto of many of the hospital patients, has made it possible for us to keep in contact with some whom we could not otherwise have visited frequently. This supervision of the patients on trial visit, the history-taking and investigation, and the work done in connection with the psychiatrist in school and community clinics comprise the principal work of the department.

The workers have attended monthly conferences at the State House where problems common to all of the social workers of the Department of Mental Diseases are discussed. The head worker has attended other conferences on matters relating to the supervision of students, and the standardization of the work in the different hospitals. Monthly meetings of the Round Table for Psychiatric Social Workers where case discussions and lectures on different aspects of the work have proved instructive, as well as other lectures bearing on social work and its allied subjects, have also been attended.

A summary of the work accomplished follows:

SOCIAL SERVICE STATISTICS

December 1, 1929 to November 30, 1930

I. NUMERICAL SUMMARY OF CASES:

	HOSPITAL CASES				COMMUNITY CASES				TOTALS		
	House Patients		Out-Patients		Clinic Cases ¹		Others				
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	T.
New Cases	286	263	100	145	68	73	222	123	676	604	1,280
Renewed cases from previous years .	-	-	-	-	-	-	-	-	-	-	-
Renewed cases within the year . . .	-	-	-	-	-	-	-	-	-	-	-
Continued cases from previous year .	80	77	90	98	80	94	-	-	250	269	519
Cases closed during year	227	218	109	125	78	72	222	123	636	538	1,174
Cases continued to following year . .	139	122	81	118	70	95	-	-	290	335	625

¹This does not include hospital patients reporting to community clinics.

II. SOURCES OF NEW CASES:

Number of cases referred by physicians, 804; by community agencies, 148.

II. ANALYSIS OF WORK:

1. Purposes for which cases were referred: —

- (a) Histories of patients — taken at hospital, 396; taken outside hospital 164.
- (b) Investigation — conduct disorders, 38; employment situations, 12; home conditions, 34; statements of patients, 42; statements of others, 58.
- (c) Supervision — in home, 337; in industry, 37; in community, 10.
- (d) Care of patients' families, 9.
- (e) Personal services, 101.
- (f) Placement, 15.

2. Problems: —

- (a) Disease — mental, 346; physical, 58.
- (b) Sex Problems — promiscuity, 1; wayward tendencies, 3.
- (c) Environment — financial difficulties, 54; employment difficulties, 37; unsuitable surroundings, 12; friction — family, 28, others, 9; marital difficulties, 27.
- (d) Personality Problems — temperament, 40; anti-social habits, 27; vacillating interests, 4.
- (e) Educational Problems — readjustment habits of mind, 58; recreation, church, social relationships, 62.
- (f) Legal Problems — concerning property or support, 1.
- (g) General problems.

V. Service Rendered:

1. Medical: —

Contribution of information re: medical history, 608; home conditions, 365; condition of out-patients, 329.

2. Social:

Adjustments for Patients — Personal relations, 9. Advice — to relatives, 276; to patients, 188; to others, 61. Connecting with Agencies — 282; with individuals, 1,327. Personal Services—146. Number of psychological tests to hospital patients, 50; to prisoners, 19.

. Supervision Work:

- 1. Number of patients on visit last day previous year, 188; discharged from visit during year, 134. Visits — to patients on ward, 232; to patients on visit, 337; to relatives or friends, 266; to social agencies, 115; to others, 25.
- 2. Family Care Patients —
Number patients visited, 9; placed, 1; replaced, 1; returned, 2.
Number boarding homes investigated, 5. Christmas boxes sent, 4.

VI. CLINIC WORK:

1. Hospital Clinics — Number of interviews with patients, 487; with relatives, 266.
2. School Clinics — Number attended, 59; Psychological tests, 321. Miscellaneous Work — Arrangements made for 19 clinics.
3. Community Clinics — Number attended, 173; interviews with patients, 284; with others, 330. Psychological tests, 146.

VII. MISCELLANEOUS:

1. Amount of Expense Account — School or Community Clinic Work, \$124.50. Hospital Work, \$433.76.
2. Account of Time — Number of days in Hospital, 551½; days outside hospital, 553; days spent in School Clinic work, 60½; days spent in Community Clinic Work, 112½.

PERSONNEL CHANGES — One student added, January 6; one worker resigned, September 13; one worker appointed, September 30; two students added, October 6, 9.

LECTURES — to nurses of training school, 16; to Fall River Nurses' Association,

CONFERENCES AND MEETINGS ATTENDED

Daily hospital conferences. Monthly conferences at State House. Monthly meetings of Psychiatric Social Workers' Round Table. Monthly Saturday Conferences at State House for Head Workers. Mental Hygiene Meetings, 3. National Mental Hygiene Conference (1 Worker). National Conference of Social Workers, 2 workers 4 days. Public Health Conference, 9 lectures. Bridgewater Conference for Special Teachers. Meetings of Taunton Social Workers, 2. Psychiatric Social Workers' Meeting at Beth Israel Hospital.

Special articles studied, 9.

OUT-PATIENT DEPARTMENT

About the middle of January, 1930, our Fall River Clinic was re-established and the use made of it well repays the time and labor expended. Among those reporting to this Clinic, as well as to our others in New Bedford, Attleboro, and Taunton, have been many new cases which the workers feel are adjusting much better both at home and in school because of their contact with the clinic. We have been especially interested in several children of hospital patients who have been brought for examination that preventive work might be done.

Our School Clinics have taken about the same proportion of our time that they did last year. There is still one city in our district that does not feel ready for the regular clinic, but that city frequently sends pupils to us for examination. On our return to the different towns we are gratified to find year after year that in most cases our recommendations have been carried out as far as facilities permit. We hope that through our suggestion, or otherwise, more vocational classes will soon be established, since the need for these is great.

A summary of the work accomplished, follows: —

Mental Clinics

<i>Source of Cases</i>	<i>Number Visits</i>
Children's Aid Society	24
School Nurse	24
Society for Prevention of Cruelty to Children	13
Private Physicians	19
Family Welfare Society	8
Catholic Welfare Bureau	17
Mother's Aid Society	5
Taunton State Hospital	563
Department of Public Health	7
Other Sources	91

New Bedford—

New Cases		Total Visits	
Male.....	21	Male.....	189
Female.....	33	Female.....	268
Total.....	54	Total.....	457

Fall River—

(Re-opened on January 15, 1930)

New Cases		Total Visits	
Male.....	34	Male.....	117
Female.....	32	Female.....	158
Total.....	66	Total.....	275

Taunton—

New Cases		Total Visits	
Male.....	10	Male.....	11
Female.....	8	Female.....	8
Total.....	18	Total.....	19

Attleboro—

New Cases		Total Visits	
Male.....	1	Male.....	9
Female.....	1	Female.....	11
Total.....	2	Total.....	20

Male cases seen (new)..... 66

Female cases seen (new)..... 74

Total..... 140

Male visits to clinic..... 326

Female visits to clinic..... 445

Total visits to clinic..... 771

School Clinics

Number of towns visited.....	15
Number of cases examined.....	200
Number of cases re-examined.....	124
Number of complete cases.....	324
Number of incomplete cases.....	0
Number of cases recommended for institutional care.....	19
Number of cases recommended for special class.....	81
Number of cases advised to continue in grade.....	194
Number of recommendations.....	30

OPERATING ROOM

The operating room has had an exceptional year and has performed its functions satisfactorily. A number of new instruments have been added.

In addition to ordinary surgical procedures, the operating room has also continued in charge of all anti-syphilitic treatment, both hospital and out-patient, and also the routine inoculations of patients and employees against typhoid fever and vaccination against smallpox.

A detail of the work follows:

1. Anti-syphilitic treatments:	Male	Female	To
Arsphenamine	79	47	1
Mercury	99	56	1
Bloods.	334	247	5
Spinals	48	23	
Potassium Iodide	77	36	
Bismuth	5	0	
New Cases	24	14	
Old Cases	42	21	
Discontinued	15	14	

2. *Operations*: — tooth extractions, 54; sutures, 16; appendectomies, 2; spi needle removed, 1; casts applied, 13; hemorrhoidectomies, 1; fibroid tumor moved, 1; tonsillectomies and adenectomies, 8; exploratory laporatomies, herniotomies, 8; carbuncles incised, 1; infected arm incised, 1; leg amputated,

3. *Miscellaneous*: — diphtheria antitoxin, 26; inoculations, 571; vaccination 436; dressings, 4,028; pelvic examinations, 106; varicose vein treatments, obstetrical, 1.

DENTAL DEPARTMENT

The Dental Department in the past year, has functioned in the routine care the patients' dentistry.

Figures far from show the true condition of the tooth problems in that in ma instances, certain types of work show low figures while the amount of dental att tion in certain cases required greater time for accomplishment.

The problem of treatment of gum tissue disease has been somewhat reliev by the installation of a compressed air outfit. With this additional equipment seems a field of beneficial end results is opened — not cures necessarily, but gr improvement of the general condition should be noticeable in another year.

The work accomplished was as follows:

Bridgework: Preparation, for, 4; removed, 7; reset, 5; Davis crown set, 5; in set 2; Cleaned and scaled, 908; examined and charted, 1,229; extractions, 1,022

Fillings: Amalgam, 293; kryptex, 152; root canal, 1; temporary, 5; zinc ox and eugenol, 325.

Plates: Impression, bite, shade, 67; teeth tried in, 16; made, 19; adjusted, repaired, 34; cleaned, 86.

Treatments: Formo-creosol, 9; gums, 50; Howe's silver nitrate, 1; post-ope tive, 84; epulis removed, 1; root canal, 18; tooth treated, 7.

X-rays taken	
Patients with work completed	1
Number of visits	3
Number of operations	4
Average operation per patient	1
Number extractions and fillings on new patients	514
Percentage of patients with work O.K.	8
Percentage of patients unable to receive attention	
Percentage of patients with work to be done	
Percentage of new admissions needing dental attention	41
Number of patients treated the first time	
Number of patients receiving dental attention other than examination and cleaning	
Number of patients needing no dental attention on November 30.	1
Patients wearing plates	
Number of sets of false teeth	
Number of patients needing no dental attention (because of plates and no teeth)	
Patients wearing crown and bridgework	
Number of bridges, crowns and pivots	
Number of artificial appliances	1

average number of patients treated daily	14.24
average number of operations per day	17.31
number of days office open	264
number of patients with no teeth	196
number of patients needing no dental attention other than cleaning during year (exclusive of plates and no teeth)	523
number of patients needing false teeth	61
number of plates needed.	61

X-RAY DEPARTMENT

Herewith is appended a report for the current year, of the X-ray Department. The equipment has been in constant use and all cases referred by the ward physicians for examination, have been taken care of satisfactorily.

Shoulder, 16; ribs, 6; foreign bodies, 1; wrist, 16; hips, 20; knee, 10; gastrointestinal, 2; pelvis, 5; skull, 18; chest, 85; spine, 11; finger, 8; foot, 7; ankle, 14; jaw, 5; lower jaw, 1; leg, 14; arm, 6; hand, 15; R.U.V., 1; toe, 2; sinus, 1; thumb, 1; barium enema, 1; sternum, 1; fistula, 1; abdomen, 2; teeth, 154. Total, 427.

PHYSICAL THERAPY

This department has greatly increased its activities during the past year. One physician has been placed in charge and is assisted by a trained technician.

During the year, 64 patients (26 men and 38 women) were treated, also 12 employees. The equipment consists of 2 Infra Red lamps, 2 Ultra Violet Ray machines, 1 Baker and 2 Diathermy machines. The different cases treated in the department included tuberculosis, carbuncles, abscesses, ulcers, rheumatism, dislocations, fractures, anemia, psoriasis, contractures, eczema, acne and boils.

A summary of the work accomplished, follows:

	<i>Men</i>		<i>Women</i>	
	Treatments	Hours	Treatments	Hours
Ultra Violet Ray	390	146	757	169
Radiant Heat, diathermy, and massage	233	105	167	82
Total	623	251	924	251
Total of all Ultra Violet Ray treatments				1147
Total of all Radiant Heat and Massage				400
Total of all treatments				1547
Total hours of Ultra Violet Ray treatments				315
Total hours of Radiant Heat and Massage				187
Total of all hours				502

HYDROTHERAPY

This department has continued to be one of our most valuable adjuncts in the treatment of our patients. The continuous baths, packs, and the hydrotherapeutic machines are in continuous use. Disturbed and over-active patients react quickly to the sedative effect of the packs and continuous baths and those who are depressed and inactive, in most cases, are definitely benefited by the tonic baths.

The following is a list of the work accomplished by this department:

<i>Tonic Baths</i>			
	Male	Female	Total
Hot showers	625	306	931
Hot and cold to spine	594	810	1,404
Hot Baths	3	6	9
Hot mitten friction	0	3	3
Electric light baths	45	169	214
Medicated shampoos	767	729	1,496

Hair shampoos	765	594	1,3
Needle sprays	1,992	2,013	4,0
Fan douches	1,915	1,935	3,8
Jet douches	2	19	
Rain douches	765	594	1,3

Continuous Baths

Number of patients	159	295	4
Number of baths	3,096	3,716	6,8
Number of hours	20,609	34,092 1/2	54,701

Wet Sheet Packs

Number of patients	290	385	675
Number of packs	11,306	9,646	20,952
Number of hours	32,686 1/4	25,271 1/2	57,957

Instructions

Continuous bath lessons:

Number of pupils	7	54	61
Number of lessons	12	103	115
Number of hours	29	204 1/2	233

Pack lessons:

Number of pupils	51	66	117
Number of lessons	103	103	206
Number of hours	140	139	279

OCCUPATIONAL THERAPY

The personnel of this Department consists of one Head Occupational Therapist, four aides and one physical director.

Classes were held daily in the classroom, the men receiving instruction in the morning and the women in the afternoon. On both receiving wards, treatment wards, infirmaries and on E.C.2, classes were held, and on E.C.5, an intensive schedule was carried out with a selected group of ten patients. Physical education classes consisting chiefly of marching and simple games, were held on wards E.C.5 and E.C.6. Other patients enjoyed more difficult exercises. This makes a total of fourteen occupational classes and three physical education classes in operation at the end of the year. Prescription cards are made out by the physician in charge of the ward and monthly progress notes are written by the aide in charge of the class. During the summer, the patients under the direction of the aides of this department, picked 7,972 lbs. beans, 1,252 lbs. of peas, 948 qts. of currants and 326 qts. of gooseberries.

The holiday season was greatly enjoyed. A Christmas play, entitled *A Visit of Joy*, was given at the hospital on December 23, and entertainments were held in both colonies during Christmas week. Many outside societies contributed to the happiness of the patients by sending gifts, donations, and by sending representatives to entertain with music, games, vaudeville and dancing. The following is a list of those who very generously contributed to our Christmas Fund: Mrs. Marie Marsden, Mrs. Elizabeth C. M. Gifford, Mr. S. M. Stone, Mrs. P. H. Rogers and family, Mr. and Mrs. H. M. Lane, Mrs. George B. Curran, Mr. Alfred Carlsson, Mrs. P. Lucey, Mr. Augustus LeClair, Mr. Hugh J. Hackett, Mr. Herbert Hinckley, Mr. David Bayne, Miss Mary E. Doyle, Rev. George F. Cain, Mr. Alonzo Lawson, Mr. Patrick Nelson, Mrs. L. H. Cooper, Mr. Frank E. Blake, Mr. Joseph Malaguti, Mrs. Azelie Melanson, Mrs. Kelley, Mrs. Emma C. Thompson, Mr. Raymond Drake, Mr. Harry P. Thomas, Rev. Francis A. McCarthy, Mrs. Michael Santos, Broadway Church, Mr. W. W. Atkinson, Mrs. Vanstrom, Mrs. El Healey, Mr. John F. Kerrigan, Miss Grace L. Waterman, Mr. John Cullinan, Mr. Edith F. Leonard, Mrs. A. J. Merrill, Dr. Charles J. C. Gillon, Mrs. M. B. Bennett, Mrs. Dora Levy, Mr. Joseph Marrah, Mrs. Henry Dailey, Mr. James E. Boyce, Mrs. Richard Saunders, Mrs. C. E. Perry, Mrs. Charles H. Cook, Mrs. Alice Qu

Mr. George Chalmers, Miss Charlotte H. Paine, Mrs. Mary A. Rockwood, Mr. Arthur Drake, Mr. Joseph F. Waldron, Miss Mabel Welch, Mr. Harvey C. Sampson, Mr. O. Brizard, Mrs. Katherine Eritto, Miss Marguerite Smith, Woman's Club, Mr. Arthur Dolan, Miss Mabel M. Wilcox.

Because of the fact that the Assembly Hall was being remodelled during the greater part of the year, entertainments were held on the wards. Music was furnished weekly for both men and women and four whist parties were given for the former and five for the latter during the winter, there being an average of about thirty at each party.

The annual field-day was held on July 4. Entertainers from the outside furnished an excellent program consisting of vocal and instrumental music, vaudeville and dancing. Besides this, there were games, races and contests, prizes being awarded to the winners. In October, ninety-three articles made by the patients, were sent to Boston for the Tercentenary Exhibition at the Commonwealth Armory. A cap mentioned later in this report, was made by this department in connection with the social service section of this exhibit. The Head Occupational Therapist and two aides were sent to Boston to take charge of the Occupational Therapy booth, on October 11. On October 12, the hospital entered a float in the Taunton Tercentenary Parade. This float represented a puritan scene and won the first prize which was a very attractive silver cup, contributed by Reed and Barton of Taunton.

Costume parties on November 6 and 7, were the first to be held in the Assembly Hall after its opening, music being furnished by outside orchestras. Games, contests and dancing were greatly enjoyed at a Thanksgiving party on November 26 music being furnished by the hospital orchestra.

The following is the schedule of the treatments of the entire year:

Under treatment in O.T. classes at beginning of year	290
Admitted to classes during the year	659
Cases previously treated	359
Cases not previously treated	300
Cases transferred	326
Cases discontinued	250
Cases died	5
Cases discharged	74
Cases remaining under treatment at end of the year	294

The following articles were made: 273 rugs; 7 trackers; 787 runners; 43 doilies; centerpieces; 17 key cords; 1 belt; 3 hot plate mats; 13 curtain pulls; 5 chair mats; 39 knitted face-cloths; 227 dozen crepe paper flowers; 1 apron; 1 towel; animal lawn decorations; 33 flower baskets; 19 reed jardinières; 2 reed ferneries; reed tray; 12 reed flower stands; 81 knitted shoulderettes; 21 costumes; 27 cuff covers; 50 pairs hand-painted designs on moccasins; 123 pillow tops; 24 pok-ends; 17 door-stops; 2 vases; 10 picture puzzles; 176 button holes made and 176 buttons sewed on gymnasium suits; 3 fire certificates framed; 3,428 Christmas folders put in envelopes; 12 posters for parties; relief map of State Hospitals and State House for Tercentenary Program.

SCHOOL OF NURSING

The School of Nursing has made a marked progress during the past year. It has enrollment of 37 students: 3 seniors, 7 intermediates, 19 juniors and 8 affiliate nurses.

The Henrietta Goodall Hospital, Sanford, Maine, affiliated with the school in August and the Jordan Hospital, Plymouth, Mass., has been accepted for an affiliation at the beginning of the coming year. This makes a total of five affiliate hospitals each sending eight students yearly.

Three hundred seventy-eight hours of lecture and eight hundred ninety hours recitation and demonstration were given student nurses and ninety-five hours were given to attendant nurses. Twenty-one completed the prescribed course for attendant nurses, thirty students received a certificate for the three months

affiliation course in Psychiatric Nursing and four nurses were awarded diplomas on graduation. Connected with the school, are eighteen registered nurses each of whom plays an active part in the training of the student.

Much time has been given by members of the medical staff to lectures and every department has contributed to the training of the nurse. For the help and interest displayed by all, the school is very grateful.

The yearly report of the school was submitted to and approved by the Massachusetts Board of Registration of Nurses. Representatives of the School have attended all meetings of the District and State Nursing Associations.

Continued effort is being made to elevate the standards of the school and to utilize every possible facility for the training of the student.

LABORATORY

The laboratory has been functioning on a very good basis during the past year from a clinical viewpoint. Many chemical tests have been done on cases of diabetes and nephritis.

The student body has been present once a week for classes in the practical methods of bacteriology and chemistry.

Some work in blood calcium has been done on catatonic praecox cases, under the supervision of Dr. McIntosh.

A detail of the work follows: Urine analyses, 2,622; spinal fluids, 73; blood sugars, 122; blood non-protein nitrogens, 49; blood urea nitrogens, 50; complete blood counts, 692; white blood counts, 149; blood calciums, 8; renal function tests, 11; smears, 575; cultures 305; feces, 14; sputums, 44; stomach contents, 23; quantitative urine sugars, 252; acetone test, 1; coagulation test, 16; tissue slides, 10; sugar tolerance test, 1; blood platelet count, 1; van den Bergh test, icteric index, 5; Widal tests, 4; autopsies, 51.

RELIGIOUS SERVICES

The beginning of this year found the chapel closed for reconstruction, consequently it was necessary to hold all religious services on the wards. Arrangements were therefore made to use the ward reception rooms for this purpose. On October 31, 1930, the chapel was opened with a morning service and since that time it has been made use of regularly.

The following clergymen have responded to every need of the hospital promptly and had charge of the service from time to time: Rev. Francis Maloney, Rev. George Cain, Rev. Francis A. McCarthy, Rev. M. P. Tobey, Rev. H. M. Medar, Rev. Walter Tourtellot, Rev. W. D. Swaffield, Rev. Edmund Burnham, Rev. Robert Roberts, Rev. Frederick Alden, Rev. Gordon Wells, Rev. Erastus Greer, Rev. Charles Martin, Rev. Dan H. Fenn, Rev. William Haney, Rabbi Jonas Kami.

LIBRARY

The discarding of unnecessary duplicates and of books not of value in a hospital library has been brought to the point where this process will be continued only when new books are added, in the gradual elimination of the older books, excepting, of course the great classics and of books that the records show are no longer in demand, so as to keep the library at its present size of 6,400 volumes.

Since the library has been arranged on the Decimal Classification system and all books are easily accessible, the average weekly circulation has increased greatly, being now 187 volumes per week.

Books are now being sent to and exchanged at regular intervals in both colon and on five wards. From the other wards, reading patients are brought to the library to choose the books they prefer.

The library is at present a well-balanced one, being well supplied with modern books in all departments, with the exception that there is a lack of good modern histories of European nations. In American history, the library is well equipped.

The gifts of magazines for the patients have continued as usual. The following is a list of the contributors: Mrs. E. Boardman, New Bedford Public Library, Mr. Julius Berkowitz, Mrs. Mary B. Besse, Mrs. Elizabeth C. M. Gifford, Mr. A.

rt, Dr. William Wyatt, Mrs. P. Thurrett, Mrs. Harry T. O'Neill, Mr. J. R. Pratt, r. M. Friedman, Miss Dolly A. Baxter, Mr. Harold Greene, Mrs. Edith E. Curtis rs. F. E. Francis, Mrs. Dunbar, Mrs. T. W. Smith, Mrs. F. A. Hubbard, Mrs. Russell Thurrott, Mrs. C. Davis, G. O. Boucher Company, Mrs. Charles S. Simmons, rs. Henry Slade, Miss Mary Morse, Mr. Harry T. O'Neill, Mr. E. Russell Davol, rs. K. Smith, Mrs. Ezra H. Allyn, Mrs. F. W. Davol, Attleboro Public Library rs. Charles R. Price, Dr. Charles W. Hammett, Mr. Stephen Miller.

FARM

The farm has continued to function and despite the fact that we suffered from a rather unusual drought during the summer, our crops with the exception of parsnips and onions were as good as usual. At the end of the year, our root cellars are well filled with vegetables of a good quality.

Our herd was again found to be free from tuberculosis at the annual examination. Several new cows were added and we have reason to believe that our milk production will increase during the coming year.

The swine and poultry departments have done very well. Much land has been cleared at our Raynham Colony and it is evident that the activities of the farm are gradually moving in that direction. This new land that we are clearing is of excellent quality and it will no doubt increase our production.

The following is a detail of the farm production for the year: Milk, 564,920 lbs.; beef, 8,011 lbs.; liver, 1,255 lbs.; pork, 46,124 lbs.; eggs, 7,514 $\frac{1}{3}$ doz.; fowl, 387 $\frac{1}{2}$ lbs.; chicken, 364 lbs.; broilers, 1,979 $\frac{1}{2}$ lbs.; potatoes, 183,061 lbs.; silage, 550,000 lbs.; greenfeed, 444,950 lbs.; rye straw, 30,000 lbs.; hay, 168,000 lbs.; mangels, 145,580 lbs.; apples, 24,868 lbs.; blackberries, 2,813 lbs.; currants, 237 $\frac{1}{2}$ lbs.; gooseberries, 411 lbs.; grapes, 1,964 lbs.; peaches, 1,916 lbs.; quinces, 0 lbs.; raspberries, 1,119 lbs.; strawberries, 5,580 lbs.; asparagus, 2,035 lbs.; string beans, 17,402 lbs.; beets, 12,204 lbs.; brussels sprouts, 17 lbs.; cabbage, 9,393 lbs.; canteloupes, 9,323 lbs.; carrots, 34,507 lbs.; cauliflower, 53 lbs.; celery, 2,664 lbs.; swiss chard, 10,327 lbs.; sweet corn, 6,553 lbs.; cucumbers, 131 lbs.; kohlrabi, 378 lbs.; lettuce, 2,517 lbs.; onions, 11,948 lbs.; parsnips, 6,664 lbs.; green peas, 2,633 lbs.; peppers, 459 lbs.; pumpkins, 4,608 lbs.; radishes, 576 lbs.; rhubarb, 2,278 lbs.; spinach, 4,148 lbs.; summer squash, 9,464 lbs.; winter squash, 59,647 lbs.; tomatoes, 88,588 lbs.; turnips, 60,579 lbs.

INDUSTRIAL DEPARTMENT

The following is a report of the work which has been accomplished in our industrial department during the past year:

Main Industrial Shop:

Manufactured: — 698 brooms; 2 stovepipes; 91 water pails; 1 double boiler; wash-tub; 44 diet tins; 3 copper shields; 12 paint pots; 17 fly-traps; 5 pans; 4 potato steamers; 2 furnace elbows; 1 cushion; 15 mats; 972 mattresses; 494 pillows; 499 brushes; 12 meat tins; 61 cans; 7 waste-baskets; 1 gutter; shelf; 3 funnels; 2 dish-pans; 6 baskets; 1 bag; 4 road signs; 7 barrels; 12 bathtubs; 246 mops; 6 dusters; 13 ward pads; 2 copper cylinders; 3 boxes; 1 dippers; 1 table-top; 1 bread cutter spring; 1 cover.

Repaired: — 22 dippers; 8 pans; 3 cups; 23 garbage tubs; 79 tins; 3 boxes; 1 can covers; 1 pitcher; 2 curtains; 1 paper hanger; 2 bread boxes; 1 tea urn; 1 oil barrel; 36 clocks; 164 cans; 3 dough mixers; 3 tables; 5 kettles; 20 pots; 1 spray tank; 2 pitchers; 8 dishpans; 2 doors; 1 double boiler; 2 mops; 1 mop roller; 2 hoods; 1 mixing bowl; 5 pails; 7 fly-traps; 1 hood vent; 2 gas tanks; 1 vegetable boilers; 18 cushions; 6 couches; 175 chairs; 2 divans.

Garage Shop:

Manufactured: — 389 coats; 435 pants; 491 rugs; 39 window shades; 1 overcoat; 1 bag; 11 mattress ticks; 4 vests; 568 suits; 1 uniform; 1 pillow.

Repaired: — 1,156 coats; 1,317 pants; 524 vests; 141 hats; 56 rugs; 23 tubs; 100 grommets; 1 dress; 2,223 suits; 9 window shades.

Shoe Shop:

Manufactured: — 752 prs. men's shoes; 271 prs. women's shoes; 110 prs. moccasins; 95 prs. slippers; 1,642 prs. rubber heels put on; 6 baseball shoes.

Repaired: — 417 prs. heels; 826 prs. taps; 193 prs. uppers; 179 prs. sole 185 rips sewed; 116 prs. heel linings put in; 116 prs. lifts put on; 63 straps; 1 auto cushions; 3 leather ends on carpet; 1 ball mask; 4 ball gloves; 2 straps; 3 prs. rubber heels put on.

Sewing Room:

Manufactured: — 30 abdominal binders; 808 aprons; 12 bathrobes; 216 be jackets; 774 bibs; 1,169 blankets (tagged and hemmed); 288 bloomers; 24 boot 6 breast binders; 174 covered buttons; 604 men's B.V.D.; 494 women's B.V.D. 4 canvas bags; 1 canvas for bed frame; 34 compresses; 30 coffee bags; 86 cushion covers; 509 prs. curtains; 24 kitchen caps; 97 cushions; 1 day bed cover; 1,66 dresses; 6 dust cloths; 281 face cloths; 34 gowns; 45 hammocks; 36 hot water bottle covers; 3 ice bags; 48 ice bag covers; 60 ice collar covers; 120 kitchen pa holders; 157 kitchen mittens; 455 laundry bags; 169 mattress ticks; 283 nurse aprons; 450 nurses' bibs; 139 nurses' caps; 243 prs. nurses' cuffs; 6 nurse waist bands; 14,103 napkins; 1,226 nightdresses; 798 nightshirts; 30 operatin gowns; 41 prs. overdresses; 58 pajama jackets; 85 pajama pants; 1,552 pillow slips; 363 pillow ticks; 125 puffs; 1 rubber mattress; 27 scarfs; 686 men's shirt 5,524 sheets; 79 screen covers; 300 shroud squares; 1,140 men's sick shirt 732 women's sick shirts; 4 silence cloths; 1 silk skirt; 352 slips; 2 sofa cover 685 stockings (marked and tagged); 269 table cloths; 253 tie-backs; 35 tick pa covers; 4,055 towels; 74 tub covers; 12 T binders; 130 utility cases; 54 valance 35 waitresses' head bands; 202 window shades.

Mending Room:

Repaired: — 1,287 aprons; 1 alter cloth; 140 bathrobes; 2 bed pan covers; 17 bibs; 759 blankets; 2,128 B.V.D.; 555 coats; 6 corset covers; 1 cap; 2,487 drawer 5,157 dresses; 1 flag; 170 gowns; 2 kimonos; 1,867 laundry bags; 804 mattr ticks; 104 napkins; 10,736 nightgowns; 440 overalls; 113 pants; 303 pillow slip 13 pillow ticks; 38 petticoats; 30 puff covers; 1 rug; 2 scarfs; 8 shawls; 1,1 sheets; 6,482 shirts; 28 silence cloths; 1 skirt; 1,345 slips; 197 spreads; 12,0 stockings; 55 sweaters; 191 tablecloths; 1,385 towels; 48 tray cloths; 347 tu covers; 636 unionsuits; 1 valance; 1 waist.

REPAIRS AND RENEWALS

With the \$18,000 appropriation under this heading, we have been able to make the following improvements:

A new tumbler dryer in the laundry — a piece of equipment which has been needed for a long time and which has made it possible for us to increase greatly the work accomplished in the laundry.

Automatic sprinklers have been installed in the attics of the administrative building. This is the beginning of a project which should be continued until the attics of buildings housing patients are protected, at least.

A fire-proof floor was installed in male ward 1. This, like the item mentioned above, contributes much to the safety of the patients and should be continued until the whole first floor is protected from the basement.

The lavatories and clothing rooms on male wards 4, 5 and 6 were thoroughly renovated, new plumbing fixtures and tile walls having replaced antiquated equipment.

Many improvements in the heating system have been made including the installation of new C.O.2 recorders.

A modern system of street lights was installed between the administrative building and the front entrance and an underground conduit to accommodate cables for the telephone and fire-alarm systems was laid. These two improvements will result in all the overhead wires along our main driveway being removed. The construction of a new sidewalk and extensive repairs which have been made to the road have added much to the beauty of the grounds.

Shingles were purchased for one of the barns at Raynham Colony and many fly-screens were manufactured and put in place during the spring and early summer and at the present time, all of our buildings are protected from flies.

The following items have been placed in our 1931 budget estimates:

1. Laundry chutes	\$1,450.00
2. Sprinkler system (continuation of program)	7,309.00
3. Electric master clock	1,800.00
4. Fire-proof floors (continuation of program)	4,000.00
5. Renovation of bath and clothing rooms	4,000.00
6. Sidewalks and roads (continuation of program)	2,100.00
7. Shingling barn	531.00
8. Auto truck scale	625.00
9. Changing locks (continuation of program)	1,000.00
10. Electric refrigerator	1,120.00
11. Screens on wards	500.00
12. Renewal of roof and copper monitors (boiler room)	1,000.00
13. Dish washing machine (12 ft. galv. iron dish tables)	890.00
14. Page fence salvage yard and coal storage yard	805.00
15. Food conveyors	620.00
16. Replacing hot water storage tanks	700.00
17. Power factor corrector	1,592.00
18. Improvement to heating system	540.00
19. Oil burner instal.	2,286.00
20. Refrigerating unit for morgue	2,045.00
Total	<hr/> \$34,913.00

REPAIRS ORDINARY

We have been able to accomplish more than usual with the appropriation under this heading during the past year but again it must be stated that an institution as old as ours needs a great many ordinary repairs that do not present themselves as a new construction, and it would seem that the sum appropriated under this heading could be increased to advantage.

The condition of the paint both inside and outside is very good and while much carpentry work remains to be done, I believe that we have advanced along this line somewhat during the year. Numerous repairs have been made in the plumbing and sewer systems and many old electric light fixtures have been replaced by new ones.

ACKNOWLEDGEMENTS

At the close of this report, it is my desire to extend to all those who have co-operated with us during the year and who are interested in the welfare of the hospital and its patients, my sincere appreciation. I am very grateful for the assistance received from the Board of Trustees and to all the employees for their efforts in behalf of the hospital.

Respectfully submitted,

RALPH M. CHAMBERS,
Superintendent.

VALUATION

November 30, 1930

REAL ESTATE

Land, 456.88 acres	\$63,000.00
Buildings	1,138,367.40
	<u>\$1,201,367.40</u>

PERSONAL PROPERTY

Travel, transportation and office expenses	\$4,337.00
Food	17,052.00
Clothing and materials	20,140.00
Furnishings and household supplies	122,537.00
Medical and general care	18,947.00
Heat, light and power	8,300.00
Farm	43,411.00
Garage, stables and grounds	5,952.00
Repairs.	12,740.00
	<u>\$253,419.00</u>

SUMMARY

Real estate	\$1,201,367.40
Personal property	253,419.00
	<u>\$1,454,787.40</u>

FINANCIAL REPORT

To the Department of Mental Diseases:

I respectfully submit the following report of the finances of this institution for the fiscal year ending November 30, 1930.

CASH ACCOUNT

Receipts

<i>Income</i>		
Board of patients	\$76,457.94	\$76,457.94
Personal Services:		
Reimbursement from Board of Retirement		219.00
Sales:		
Travel, transportation and office expenses	\$27.46	
Food	220.98	
Clothing and materials	90.81	
Furnishings and household supplies	2.10	
Medical and general care	62.31	
Heat, light and power	135.89	
Farm:		
Cows and calves	463.51	
Pigs and hogs	8.35	
Hides	32.35	
Sundries	33.83	
Garage, stable and grounds	3.01	
Repairs, ordinary	288.24	
Total sales		1,368.00
Miscellaneous:		
Interest on bank balances	\$428.73	
Rent	480.00	
		908.00
Sundries		
Board of employees		270.00
Total, Income		<u>\$79,225.94</u>

MAINTENANCE

Balance from previous year, brought forward	\$5,373.00
Appropriations, current year	596,920.00
	<u>\$602,293.00</u>
Total	581,956.00
Expenses (as analyzed below)	
Balance reverting to Treasury of Commonwealth	20,336.00

Analysis of Expenses

Personal services	\$305,209.00
Religious instruction	1,820.00
Travel, transportation and office expenses	6,820.00
Food	105,158.00
Clothing and materials	16,269.00
Furnishings and household supplies	29,414.00
Medical and general care	19,108.00
Heat, light and power	30,460.00
Farm	28,471.00
Garage, stable and grounds	6,880.00
Repairs, ordinary	14,551.00
Repairs and renewals	17,791.00
	<u>\$581,956.00</u>
Total expenses for Maintenance	\$581,956.00

SPECIAL APPROPRIATIONS									
Balance December 1, 1929	.	.	.	.	.	.	.	.	\$126,343.60
Appropriations for current year	.	.	.	.	.	.	.	.	46,400.00
Total	.	.	.	.	.	.	.	.	\$172,743.60
Expended during the year (see statement below)	.	.	.	.	.	.	.	\$125,693.85	
Reverting to Treasury of Commonwealth	.	.	.	.	.	.	.	8.54	
									125,702.39
Balance November 30, 1930, carried to next year	.	.	.	.	.	.	.	.	\$47,041.21

OBJECT	Act or Resolve	Whole Amount	Expended During Fiscal Year	Total Expended to Date	Balance at End of Year
Completion of Storehouse.	138-1927	\$45,000.00	\$.77	\$44,991.46	\$8.54*
	127-1928				
Ren. Rear Hospital Cen. Bakeshop,	127-1928				
D. Halls, etc.	146-1929	253,027.14	109,648.58	243,637.93	9,389.21
Certain Land	127-1928				
(Reappropriated)	115-1930	4,000.00	701.27	3,995.64	4.36
Officer's Cottage.	115-1930	6,000.00			6,000.00
Superintendent's House	115-1930	21,000.00			21,000.00
Remodeling Certain Spaces	115-1930	6,400.00			6,400.00
Garage	115-1930	3,000.00	1,637.19	1,637.19	1,362.81
Kitchen and Cafeteria equipment	146-1929				
	115-1930	25,000.00	13,706.04	22,115.17	2,884.83
		\$363,427.14	\$125,693.85	\$316,377.39	\$47,049.75

Balance reverting to Treasury of the Commonwealth during year (mark item with *)	\$8.54
Balance carried to next year	47,041.21
Total as above	\$47,049.75

PER CAPITA

During the year the average number of inmates has been 1,510.2348.
 Total cost of maintenance, \$581,956.59.
 Equal to a weekly per capita cost of \$7.3901.
 Receipt from sales, \$1,368.84.
 Equal to a weekly per capita of \$.0174.
 All other institution receipts, \$77,856.38.
 Equal to a weekly per capita of \$.9887.
 Net weekly per capita \$6.384.

Respectfully submitted,
 YVONNE B. PATENAUDE, *Treasurer.*

STATISTICAL TABLES

AS ADOPTED BY THE AMERICAN PSYCHIATRIC ASSOCIATION PRESCRIBED BY THE
 MASSACHUSETTS DEPARTMENT OF MENTAL DISEASES

TABLE I. *General Information*

Date of opening as a hospital for mental diseases, 1854.	
Type of hospital: State.	
Hospital plant:	
Value of hospital property:	
Real estate, including buildings	\$1,201,367.44
Personal property	253,419.88
Total	\$1,454,787.32
Total acreage of hospital property owned, 456.88 acres.	
Total acreage under cultivation during previous year, 302.	

4. Officers and Employees:

	Actually in Service at End of Year			Vacancies at End of Year		
	M.	F.	T.	M.	F.	T.
Superintendents	1	—	1	—	—	—
Assistant physicians	7	2	9	1	—	1
Total physicians	8	2	10	1	—	1
Stewards	1	—	1	—	—	—
Resident dentists	1	—	1	—	—	—
Pharmacists	—	1	1	—	—	—
Graduate nurses	3	18	21	—	1	1
Other nurses and attendants	82	71	153	2	2	4
Occupational therapists	—	3	3	—	—	—
Social workers	—	3	3	—	—	—
All other officers and employees	63	58	121	—	—	—
Total officers and employees	158	156	314	3	3	6

NOTE: — The following items, 5-10 inclusive, are for the year ended September 30, 1930.

5. Census of patient population at end of year:

	Actually in Hospital			Absent from Hospital but still on Books		
	M.	F.	T.	M.	F.	T.
White:						
Insane	727	747	1474	85	121	206
Mental defectives	—	1	1	—	—	—
All other cases	12	7	19	—	—	—
Total	739	755	1494	85	121	206
Other races:						
Insane	19	15	34	1	—	1
Total	19	15	34	1	—	1
Grand Total	758	770	1528	86	121	207

	Males	Females	Total
6. Patients under treatment in occupational-therapy classes, including physical training, on date of report	74	235	309
7. Other patients employed in general work of hospital on date of report	479	464	943
8. Average daily number of all patients actually in hospital during year	744.3783	760.7747	1,505.153
9. Voluntary patients admitted during year	7	3	10
10. Persons given advice or treatment in out-patient clinics during year	113	138	251

TABLE 2. Financial Statement

See Treasurer's report for data requested under this table.

NOTE: — The following Tables 3-19, inclusive, are for the statistical year ended September 30, 1930.

TABLE 3. *Movement of Patient Population.*

	INSANE			VOLUN- TARY		TEMPORARY CARE		OBSERVATION			TOTAL ON BOOKS	
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Patients on books of Institution September 30, 1929	843	834	1,677	-	-	-	-	-	-	845	839	1,684
Admissions during year:												
First admissions	180	192	372	2	2	4	10	8	18	27	14	41
Readmissions	39	46	85	5	1	6	6	-	6	4	3	7
Transfers from other hospitals for mental diseases	7	3	10	-	-	-	-	-	-	-	-	-
Total received during year	226	241	467	7	3	10	16	8	24	31	17	48
Total on books during year	1,069	1,075	2,144	7	3	10	16	8	24	33	22	55
Discharged from books during year:												
As recovered	29	20	49	1	1	2	5	1	6	12	4	16
As improved	64	53	117	-	-	-	-	1	1	2	3	5
As unimproved	7	6	13	-	-	-	5	1	6	-	-	-
As without psychosis	2	1	3	3	1	4	4	4	8	11	7	18
Transferred to other hospitals for mental diseases	59	25	84	-	-	-	-	-	-	-	-	-
Died during year	70	85	155	-	-	-	2	1	3	5	3	8
Total discharged, transferred and died during year	231	190	421	4	2	6	16	8	24	30	17	47
Insane patients remaining on books of hospital at end of hospital year:												
In hospital	752	765	1,517	3	1	4	-	-	-	3	4	7
On parole or otherwise absent	86	120	206	-	-	-	-	-	-	-	1	1
Total	838	885	1,723	3	1	4	-	-	-	3	5	8
										758	770	1,528
										86	121	207
										844	891	1,735

TABLE 4. *Nativity of First Admissions and of Parents of First Admissions.*

NATIVITY	PATIENTS			PARENTS OF MALE PATIENTS			PARENTS OF FEMALE PATIENTS		
	M.	F.	T.	Fathers	Mothers	Both Parents	Fathers	Mothers	Both Parents
United States	99	109	208	53	55	48	63	55	52
Austria	1	—	1	1	1	1	1	1	1
Canada ¹	17	24	41	23	20	19	26	25	24
England	10	15	25	13	14	11	15	15	11
Finland	2	2	4	3	3	3	6	6	6
Germany	2	2	4	2	2	2	2	2	2
Greece	2	—	2	2	2	2	—	—	—
Ireland	3	17	20	19	18	16	29	34	29
Italy	6	—	6	7	7	7	2	1	1
Norway	—	1	1	—	—	—	2	1	1
Poland	1	2	3	3	3	3	3	3	3
Portugal	23	12	35	29	29	29	18	17	17
Russia	2	1	3	2	2	2	1	1	1
Scotland	2	3	5	4	3	3	3	2	2
Spain	—	—	—	—	—	—	1	1	1
Sweden	4	2	6	4	4	4	3	4	3
Wales	—	1	1	—	—	—	1	2	1
West Indies ²	2	—	2	2	2	2	—	—	—
Other countries	2	—	2	2	2	2	—	—	—
Unascertained	2	1	3	11	13	10	16	22	15
Total	180	192	372	180	180	164	192	192	170

¹Includes Newfoundland²Except Cuba and Porto Rico

TABLE 4-A. Age of First Admissions Classified with Reference to Nativity, and Length of Residence in the United States of the Foreign Born.

AGE GROUPS	AGGREGATE			NATIVE BORN					FOREIGN BORN					Nativity unascertained																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
	M.	F.	T.	Total	PARENTAGE			Total	TIME IN UNITED STATES BEFORE ADMISSION																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
					Native	Foreign	Mixed		Unascertained	Under 5 years	5-9 years	10-14 years	15 years and over																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
Under 15 yrs.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 5. *Citizenship of First Admission.*

	Males	Females	Total
Citizens by birth	99	109	208
Citizens by naturalization	28	24	52
Aliens	40	32	72
Citizenship unascertained	13	27	40
Total	180	192	372

TABLE 6. *Psychoses of First Admissions.*

	M.	F.	T.	M.	F.	T.
1. Traumatic psychoses				2	—	2
2. Senile psychoses				28	28	56
3. Psychoses with cerebral arteriosclerosis				18	33	51
4. General paralysis				24	9	33
5. Psychoses with cerebral syphilis				—	—	—
6. Psychoses with Huntington's chorea				1	—	1
7. Psychoses with brain tumor				—	—	—
8. Psychoses with other brain or nervous diseases, total				5	3	8
Cerebral embolism	—	1	1			
Paralysis agitans	1	—	1			
Other diseases	4	2	6			
9. Alcoholic psychoses, total				18	5	23
Delirium tremens	3	—	3			
Korsakow's psychosis	2	2	4			
Acute hallucinosis	5	2	7			
Other types, acute or chronic	8	1	9			
10. Psychoses due to drugs and other exogenous toxins, total				—	—	—
11. Psychoses with pellagra				—	1	1
12. Psychoses with other somatic disease, total				3	1	4
Post-infectious psychosis	—	1	1			
Other diseases or conditions	3	—	3			
13. Manic-depressive psychoses, total				13	15	28
Manic type	7	10	17			
Depressive type	5	5	10			
Other types	1	—	1			
14. Involution melancholia				6	11	17
15. Dementia praecox (schizophrenia)				34	56	90
16. Paranoia and paranoid conditions				2	8	10
17. Epileptic psychoses				2	2	4
18. Psychoneuroses and neuroses, total				1	3	4
Hysterical type	1	1	2			
Psychasthenic type (anxiety and obsessive forms)	—	1	1			
Neurasthenic type	—	1	1			
19. Psychoses with psychopathic personality				—	2	2
20. Psychoses with mental deficiency				8	8	16
21. Undiagnosed psychoses				13	7	20
22. Without psychosis, total				2	—	2
Mental deficiency without psychosis	1	—	1			
Others	1	—	1			
Total				180	192	372

TABLE 7. *Race of First Admissions Classified with Reference to Principal Psychoses.*

RACE	Total			Traumatic			Senile			With cerebral arterio-sclerosis			General paralysis		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
African (black)	1	2	3	—	—	—	—	1	1	—	1	1	—	—	—
American Indian	2	—	2	—	—	—	—	—	—	—	—	—	—	—	—
English	70	76	146	—	—	—	11	12	23	8	14	22	10	2	12
Finnish	3	6	9	1	—	1	—	—	—	—	—	—	—	—	—
French	21	25	46	—	—	—	4	4	8	1	6	7	2	1	3
German	2	2	4	—	—	—	—	1	1	1	—	1	—	—	—
Greek	2	—	2	—	—	—	—	—	—	—	—	—	1	—	1
Hebrew	2	3	5	—	—	—	—	—	—	—	1	1	—	—	—
Irish	16	36	52	—	—	—	5	7	12	5	8	13	1	1	2
Italian ¹	7	2	9	—	—	—	1	—	1	—	—	—	—	—	—
Lithuanian	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—
Portuguese	30	16	46	—	—	—	2	1	3	1	1	2	9	4	13
Scandinavian ²	4	5	9	—	—	—	2	—	2	1	—	1	—	—	—
Schotch	5	1	6	—	—	—	2	—	2	—	—	—	1	—	1
Slovak ³	5	3	8	—	—	—	—	—	—	—	—	—	—	—	—
Spanish	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—
Serbian	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—
Welsh	—	1	1	—	—	—	—	1	1	—	—	—	—	—	—
West Indian ⁴	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—
Mixed	5	8	13	1	—	1	—	1	1	—	1	1	—	—	—
Race unascertained	2	5	7	—	—	—	1	—	1	1	1	2	—	1	1
Total	180	192	372	2	—	2	28	28	56	18	33	51	24	9	33

TABLE 7. *Race of First Admissions Classified with Reference to Principal Psychoses — Continued.*

RACE	With Huntington's chorea			With other brain or nervous diseases			Alcoholic			With pellagra			With other somatic diseases		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
African (black)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
American Indian	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
English	—	—	—	4	1	5	5	1	6	—	1	1	1	1	2
Finnish	—	—	—	—	—	—	1	—	1	—	—	—	—	—	—
French	—	—	—	—	1	1	4	1	5	—	—	—	1	—	1
German	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Greek	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hebrew	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Irish	—	—	—	—	—	—	1	2	3	—	—	—	—	—	—
Italian ¹	1	—	1	—	—	—	1	—	1	—	—	—	—	—	—
Lithuanian	—	—	—	—	—	—	1	—	1	—	—	—	—	—	—
Portuguese	—	—	—	—	—	—	4	1	5	—	—	—	—	—	—
Scandinavian ²	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Schotch	—	—	—	—	1	1	—	—	—	—	—	—	—	—	—
Slovak ³	—	—	—	1	—	1	1	—	1	—	—	—	1	—	1
Spanish	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Serbian	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Welsh	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
West Indian ⁴	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mixed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Race unascertained	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	1	—	1	5	3	8	18	5	23	—	1	1	3	1	4

¹Includes "North" and "South."²Norwegians, Danes and Swedes.³Includes Bohemian, Bosnian, Croatian, Dalmatian, Herzegovinian, Montenegrin, Moravian, Polish, Rumanian, Ruthenian, Servian, Slovak, Slovenian.⁴Except Cuban.

TABLE 7. Race of First Admissions Classified with Reference to Principal Psychoses — Continued.

RACE	Manic-depressive			Involution melancholia			Dementia praecox			Paranoia and paranoid conditions			Epileptic psychoses		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
African (black)	—	—	—	—	—	—	1	—	1	—	—	—	—	—	—
American Indian	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
English	4	6	10	5	6	11	10	23	33	1	1	2	1	—	1
Finnish	—	1	1	—	—	—	1	4	5	—	—	—	—	—	—
French	—	3	3	1	1	2	6	4	10	—	1	1	—	2	2
German	—	—	—	—	—	—	—	—	—	—	1	1	—	—	—
Greek	—	—	—	—	—	—	1	—	1	—	—	—	—	—	—
Hebrew	2	1	3	—	—	—	—	1	1	—	—	—	—	—	—
Irish	1	1	2	—	1	1	2	9	11	—	2	2	—	—	—
Italian ¹	—	—	—	—	—	—	1	—	1	—	—	—	—	—	—
Lithuanian	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Portuguese	5	1	6	—	1	1	6	6	12	1	—	1	—	—	—
Scandinavian ²	—	—	—	—	1	1	—	3	3	—	—	—	—	—	—
Scotch	—	—	—	—	—	—	2	—	2	—	—	—	—	—	—
Slavonic ³	1	—	1	—	—	—	—	1	1	—	2	2	1	—	1
Spanish	—	—	—	—	—	—	—	1	1	—	—	—	—	—	—
Syrian	—	—	—	—	—	—	1	—	1	—	—	—	—	—	—
Welsh	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
West Indian ⁴	—	—	—	—	—	—	1	—	1	—	—	—	—	—	—
Mixed	—	2	2	—	1	1	2	2	4	—	1	1	—	—	—
Race unascertained	—	—	—	—	—	—	—	2	2	—	—	—	—	—	—
Total	13	15	28	6	11	17	34	56	90	2	8	10	2	2	4

TABLE 7. Race of First Admissions Classified with Reference to Principal Psychoses — Concluded.

RACE	Psycho-neuroses and neuroses			With psychopathic personality			With mental deficiency			Undiagnosed psychoses			Without psychosis		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
African (black)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
American Indian	—	—	—	—	—	—	—	—	—	1	—	1	1	—	—
English	—	2	2	—	—	—	5	6	11	5	—	5	—	—	—
Finnish	—	—	—	—	1	1	—	—	—	—	—	—	—	—	—
French	—	—	—	—	—	—	—	—	—	2	1	3	—	—	—
German	—	—	—	—	—	—	—	—	—	1	—	1	—	—	—
Greek	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hebrew	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Irish	—	1	1	—	1	1	—	1	1	1	2	3	—	—	—
Italian ¹	—	—	—	—	—	—	1	1	2	1	1	2	1	—	—
Lithuanian	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Portuguese	—	—	—	—	—	—	1	—	1	1	1	2	—	—	—
Scandinavian ²	—	—	—	—	—	—	—	—	—	1	1	2	—	—	—
Scotch	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Slavonic ³	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Spanish	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Syrian	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Welsh	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
West Indian ⁴	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mixed	1	—	1	—	—	—	1	—	1	—	—	—	—	—	—
Race unascertained	—	—	—	—	—	—	—	—	—	—	1	1	—	—	—
Total	1	3	4	—	2	2	8	8	16	13	7	20	2	—	2

¹Includes "North" and "South".

²Norwegians, Danes and Swedes.

³Includes Bohemian, Bosnian, Croatian, Dalmatian, Herzegovinian, Montenegrin, Moravian, Polish, Russian, Ruthenian, Servian, Slovak, Slovenian.

⁴Except Cuban.

TABLE 8. *Age of First Admissions Classified with Reference to Principal Psychoses.*

PSYCHOSES	Total			Under 15 years			15-19 years			20-24 years			25-29 years		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Traumatic	2	—	2	—	—	—	—	—	—	—	—	—	—	—	—
Senile	28	28	56	—	—	—	—	—	—	—	—	—	—	—	—
With cerebral arteriosclerosis	18	33	51	—	—	—	—	—	—	—	—	—	—	—	—
General paralysis	24	9	33	—	—	—	—	—	—	—	—	—	—	—	—
With cerebral syphilis	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
With Huntington's chorea	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—
With brain tumor	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
With other brain or nervous diseases	5	3	8	—	—	—	1	—	1	1	—	1	—	—	—
Alcoholic	18	5	23	—	—	—	—	—	—	—	—	—	—	—	—
Due to drugs and other exogenous toxins	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
With pellagra	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—
With other somatic diseases	3	1	4	—	—	—	—	—	—	—	—	—	—	—	—
Manic-depressive	13	15	28	—	—	—	—	—	—	1	—	1	2	5	7
Involution melancholia	6	11	17	—	—	—	—	—	—	—	—	—	—	—	—
Dementia praecox	34	56	90	—	—	—	1	4	5	9	7	16	8	9	17
Paranoia and paranoid conditions	2	8	10	—	—	—	—	—	—	—	—	—	—	—	—
Epileptic psychoses	2	2	4	—	—	—	1	—	1	—	1	1	—	—	—
Psychoneuroses and neuroses	1	3	4	—	—	—	—	—	—	—	—	—	—	—	—
With psychopathic personality	—	2	2	—	—	—	—	—	—	—	1	1	—	1	1
With mental deficiency	8	8	16	—	—	—	2	—	2	3	—	3	—	1	1
Undiagnosed psychoses	13	7	20	—	—	—	—	—	—	—	—	—	2	1	3
Without psychosis	2	—	2	—	—	—	—	—	—	—	—	—	—	—	—
Total	180	192	372	—	—	—	5	4	9	14	9	23	12	17	29

TABLE 8. *Age of First Admissions Classified with Reference to Principal Psychoses — Continued.*

PSYCHOSES	30-34 years			35-39 years			40-44 years			45-49 years			50-54 years		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Traumatic	—	—	—	2	—	2	—	—	—	—	—	—	—	—	—
Senile	—	—	—	—	—	—	—	1	1	—	—	—	1	—	1
With cerebral arteriosclerosis	—	—	—	—	—	—	—	—	—	—	—	—	1	3	4
General paralysis	2	—	2	2	1	3	5	2	7	5	1	6	2	3	5
With cerebral syphilis	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
With Huntington's chorea	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
With brain tumor	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
With other brain or nervous diseases	—	—	—	—	—	—	—	1	1	—	1	1	2	—	2
Alcoholic	1	—	1	5	1	6	2	—	2	4	1	5	—	1	1
Due to drugs and other exogenous toxins	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
With pellagra	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
With other somatic diseases	—	—	—	1	—	1	1	—	1	—	—	—	—	1	1
Manic-depressive	1	4	5	2	2	4	2	1	3	2	3	5	2	—	2
Involution melancholia	—	—	—	—	—	—	1	—	1	1	2	3	—	2	2
Dementia praecox	5	8	13	6	9	15	1	4	5	—	4	4	3	6	9
Paranoia and paranoid conditions	—	—	—	—	—	—	—	2	2	1	2	3	—	1	1
Epileptic psychoses	—	—	—	—	—	—	1	1	2	—	—	—	—	—	—
Psychoneuroses and neuroses	1	—	1	—	—	—	—	—	—	—	—	—	—	1	1
With psychopathic personality	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
With mental deficiency	—	3	3	1	—	1	1	1	2	—	2	2	—	—	—
Undiagnosed psychoses	1	—	1	1	1	2	2	3	5	—	—	—	—	1	1
Without psychosis	—	—	—	1	—	1	—	—	—	—	—	—	1	—	1
Total	11	15	26	21	14	35	16	16	32	13	16	29	12	19	31

TABLE 8. *Age of First Admissions Classified with Reference to Principal Psychoses — Concluded.*

PSYCHOSES	55-59 years			60-64 years			65-69 years			70 years and over		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	-	-	-	-	-	-	-	-	-	-	-	-
2. Senile	-	1	1	-	2	2	4	1	5	23	23	46
3. With cerebral arteriosclerosis	1	3	4	2	4	6	8	9	17	6	14	20
4. General paralysis	5	2	7	3	-	3	-	-	-	-	-	-
5. With cerebral syphilis	-	-	-	-	-	-	-	-	-	-	-	-
6. With Huntington's chorea	-	-	-	-	-	-	1	-	1	-	-	-
7. With brain tumor	-	-	-	-	-	-	-	-	-	-	-	-
8. With other brain or nervous diseases	-	1	1	-	-	-	-	-	-	1	-	1
9. Alcoholic	2	2	4	2	-	2	1	-	1	1	-	1
10. Due to drugs and other exogenous toxins	-	-	-	-	-	-	-	-	-	-	-	-
11. With pellagra	-	-	-	-	-	-	-	1	1	-	-	-
12. With other somatic diseases	-	-	-	-	-	-	1	-	1	-	-	-
13. Manic-depressive	-	-	-	-	-	-	1	-	1	-	-	-
14. Involution melancholia	1	4	5	2	2	4	-	1	1	1	-	1
15. Dementia praecox	-	3	3	1	1	2	-	1	1	-	-	-
16. Paranoia and paranoid conditions	-	1	1	-	2	2	-	-	-	1	-	1
17. Epileptic psychoses	-	-	-	-	-	-	-	-	-	-	-	-
18. Psychoneuroses and neuroses	-	1	1	-	-	-	-	-	-	-	1	1
19. With psychopathic personality	-	-	-	-	-	-	-	-	-	-	-	-
20. With mental deficiency	-	-	-	1	-	1	-	1	1	-	-	-
21. Undiagnosed psychoses	1	1	2	3	-	3	2	-	2	1	-	1
22. Without psychosis	-	-	-	-	-	-	-	-	-	-	-	-
Total	10	19	29	14	11	25	18	14	32	34	38	72

TABLE 9. Degree of Education of First Admissions Classified with Reference to Principal Psychoses.

PSYCHOSES	Total			Illiterate		Reads and writes ¹		Common School		High School		College		Unascertained		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	
1. Traumatic.	2	—	2	—	—	—	—	2	—	—	—	—	—	—	—	
2. Senile.	28	28	56	2	3	5	10	14	25	1	2	3	2	2	4	
3. With cerebral arteriosclerosis.	18	33	51	3	4	7	2	10	18	2	3	5	—	1	2	
4. General paralysis.	24	9	33	3	3	6	5	15	1	16	—	—	—	1	3	
5. With cerebral syphilis.	—	—	—	—	—	—	—	—	—	—	—	—	—	1	2	
6. With Huntington's chorea.	1	—	1	—	—	—	1	—	—	—	—	—	—	—	—	
7. With brain tumor.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
8. With other brain or nervous diseases.	5	3	8	—	—	—	1	2	4	2	1	3	—	—	—	
9. Alcoholic.	18	5	23	3	1	4	5	8	1	9	1	1	1	—	—	
10. Due to drugs and other exogenous toxins.	—	—	—	—	—	—	—	—	1	1	—	—	—	—	—	
11. With pellagra.	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—	
12. With other somatic diseases.	3	1	4	1	—	1	—	—	1	1	—	—	—	2	2	
13. Manic-depressive.	13	15	28	3	—	3	3	4	8	12	2	1	3	1	1	
14. Involution melancholia.	6	11	17	—	—	—	—	5	13	1	2	3	1	1	—	
15. Dementia praecox.	34	56	90	—	1	1	6	21	33	54	6	10	5	1	3	
16. Paranoia and paranoid conditions.	2	8	10	—	—	—	1	2	2	1	1	2	—	1	1	
17. Epileptic psychoses.	2	2	4	—	—	—	—	1	3	3	—	—	—	1	1	
18. Psychoneuroses and neuroses.	1	3	4	—	—	—	—	—	—	—	—	—	—	1	1	
19. With psychopathic personality.	—	2	2	—	—	—	—	—	2	2	—	—	—	—	—	
20. With mental deficiency.	8	8	16	2	3	5	1	5	10	—	—	—	—	—	—	
21. Undiagnosed psychoses.	13	7	20	1	1	2	3	7	5	12	2	—	—	—	—	
22. Without psychosis.	2	—	2	—	—	—	1	—	1	—	—	—	—	1	1	
Total	180	192	372	18	16	34	39	29	68	92	103	195	4	11	15	
														9	10	19

¹Includes those who did not complete fourth grade in school.

TABLE 10. *Environment of First Admissions Classified with Reference to Principal Psychoses.*

PSYCHOSES	Total			Urban			Rural		
	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	2	—	2	2	—	2	—	—	—
2. Senile	28	28	56	25	25	50	3	3	6
3. With cerebral arteriosclerosis	18	33	51	18	30	48	—	3	3
4. General paralysis	24	9	33	23	7	30	1	2	3
5. With cerebral syphilis	—	—	—	—	—	—	—	—	—
6. With Huntington's chorea	1	—	1	1	—	1	—	—	—
7. With brain tumor	—	—	—	—	—	—	—	—	—
8. With other brain or nervous diseases	5	3	8	5	2	7	—	1	—
9. Alcoholic	18	5	23	18	5	23	—	—	—
10. Due to drugs and other exogenous toxins	—	—	—	—	—	—	—	—	—
11. With pellagra	—	1	1	—	1	1	—	—	—
12. With other somatic diseases	3	1	4	3	1	4	—	—	—
13. Manic-depressive	13	15	28	13	14	27	—	1	—
14. Involution melancholia	6	11	17	6	11	17	—	—	—
15. Dementia praecox	34	56	90	29	52	81	5	4	9
16. Paranoia and paranoid conditions	2	8	10	2	7	9	—	1	—
17. Epileptic psychoses	2	2	4	1	2	3	1	—	—
18. Psychoneuroses and neuroses	1	3	4	1	3	4	—	—	—
19. With psychopathic personality	—	2	2	—	1	1	—	1	—
20. With mental deficiency	8	8	16	6	7	13	2	1	—
21. Undiagnosed psychoses	13	7	20	11	7	18	2	—	—
22. Without psychosis	2	—	2	2	—	2	—	—	—
Total	180	192	372	166	175	341	14	17	31

TABLE 11. *Economic Condition of First Admissions Classified with Reference to Principal Psychoses.*

PSYCHOSES	Total			Dependent			Marginal			Comfortable			Unascertained	
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.
1. Traumatic	2	—	2	—	—	—	2	—	2	—	—	—	—	—
2. Senile	28	28	56	16	11	27	9	13	22	3	4	7	—	—
3. With cerebral arterio-sclerosis	18	33	51	5	13	18	13	15	28	—	4	4	—	1
4. General paralysis	24	9	33	7	3	10	17	5	22	—	1	1	—	—
5. With cerebral syphilis	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6. With Huntington's chorea	1	—	1	—	—	—	—	—	—	1	—	1	—	—
7. With brain tumor	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8. With other brain or nervous diseases	5	3	8	3	—	3	2	1	3	—	2	2	—	—
9. Alcoholic	18	5	23	5	1	6	11	4	15	1	—	1	1	—
10. Due to drugs and other exogenous toxins	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11. With pellagra	—	1	1	—	—	—	—	1	1	—	—	—	—	—
12. With other somatic diseases	3	1	4	—	—	—	2	1	3	—	—	—	1	—
13. Manic-depressive	13	15	28	1	3	4	12	10	22	—	2	2	—	—
14. Involution melancholia	6	11	17	1	1	2	3	8	11	2	2	4	—	—
15. Dementia praecox	34	56	90	10	11	21	22	41	63	2	3	5	—	1
16. Paranoia and paranoid conditions	2	8	10	—	2	2	2	4	6	—	2	2	—	—
17. Epileptic psychoses	2	2	4	—	—	—	2	2	4	—	—	—	—	—
18. Psychoneuroses and neuroses	1	3	4	—	—	—	—	2	2	—	1	1	1	—
19. With psychopathic personality	—	2	2	—	1	1	—	1	1	—	—	—	—	—
20. With mental deficiency	8	8	16	4	2	6	4	6	10	—	—	—	—	—
21. Undiagnosed psychoses	13	7	20	5	2	7	8	5	13	—	—	—	—	—
22. Without psychosis	2	—	2	—	—	—	2	—	2	—	—	—	—	—
Total	180	192	372	57	50	107	111	119	230	9	21	30	3	2

TABLE 12. *Use of Alcohol by First Admissions Classified with Reference to Principal Psychoses.*

PSYCHOSES	Total			Abstinent			Temperate			Intemperate			Unascertained		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Traumatic	2	—	2	1	—	1	—	—	—	1	—	1	—	—	—
Senile	28	28	56	11	22	33	10	4	14	7	2	9	—	—	—
With cerebral arterio-sclerosis	18	33	51	10	26	36	5	3	8	3	3	6	—	1	1
General paralysis	24	9	33	11	7	18	7	1	8	5	1	6	1	—	1
With cerebral syphilis	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
With Huntington's chorea	1	—	1	—	—	—	—	—	—	1	—	1	—	—	—
With brain tumor	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
With other brain or nervous diseases	5	3	8	4	3	7	1	—	1	—	—	—	—	—	—
Alcoholic	18	5	23	—	—	—	—	—	—	18	5	23	—	—	—
Due to drugs and other exogenous toxins	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
With pellagra	—	1	1	—	1	1	—	—	—	—	—	—	—	—	—
With other somatic diseases	3	1	4	—	1	1	—	—	—	2	—	2	1	—	1
Manic-depressive	13	15	28	4	15	19	4	—	4	5	—	5	—	—	—
Involution melancholia	6	11	17	4	8	12	1	3	4	1	—	1	—	—	—
Dementia praecox	34	56	90	21	45	66	13	8	21	—	1	1	—	2	2
Paranoia and paranoid conditions	2	8	10	—	5	5	1	3	4	1	—	1	—	—	—
Epileptic psychoses	2	2	4	1	2	3	1	—	1	—	—	—	—	—	—
Psychoneuroses and neuroses	1	3	4	—	3	3	—	—	—	—	—	—	1	—	1
With psychopathic personality	—	2	2	—	2	2	—	—	—	—	—	—	—	—	—
With mental deficiency	8	8	16	7	7	14	1	1	2	—	—	—	—	—	—
Undiagnosed psychoses	13	7	20	6	6	12	4	—	4	3	—	3	—	1	1
Without psychosis	2	—	2	1	—	1	—	—	—	1	—	1	—	—	—
Total	180	192	372	81	153	234	48	23	71	48	12	60	3	4	7

TABLE 13. Marital Condition of First Admissions Classified with Reference to Principal Psychoses.

PSYCHOSES	Total			Single		Married		Widowed		Separated		Divorced		Unascertained	
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	2	—	2	—	—	—	2	—	—	—	—	—	—	—	—
2. Senile	28	28	56	9	16	25	6	17	29	—	—	—	1	—	—
3. With cerebral arteriosclerosis	18	33	51	1	7	8	13	9	13	—	—	—	1	—	—
4. General paralysis	24	9	33	3	3	6	18	2	3	1	1	2	1	—	—
5. With cerebral syphilis	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6. With Huntington's chorea	1	—	1	—	—	—	1	—	—	—	—	—	—	—	—
7. With brain tumor	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8. With other brain or nervous diseases	5	3	8	2	2	4	2	—	—	—	—	—	—	—	—
9. Alcoholic	18	5	23	6	6	12	12	2	2	—	—	—	—	—	—
10. Due to drugs and other exogenous toxins	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11. With pellagra	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—
12. With other somatic diseases	3	1	4	1	1	2	2	—	—	—	—	—	—	—	—
13. Manic-depressive	13	15	28	4	3	7	8	—	—	—	—	1	1	—	—
14. Involution melancholia	6	11	17	2	2	4	3	1	2	—	2	—	—	—	—
15. Dementia praecox	34	56	90	25	26	51	6	5	6	1	1	2	1	1	1
16. Paranoia and paranoid conditions	2	8	10	—	1	1	2	4	6	—	—	—	—	—	—
17. Epileptic psychoses	2	2	4	1	2	3	1	—	—	—	—	—	—	—	—
18. Psychoneuroses and neuroses	1	3	4	—	—	—	1	1	2	—	—	—	—	—	—
19. With psychopathic personality	—	2	2	—	1	1	—	—	—	—	—	—	—	—	—
20. With mental deficiency	8	8	16	6	8	14	2	—	—	—	—	—	—	—	—
21. Undiagnosed psychoses	13	7	20	6	—	6	6	3	4	—	—	—	—	—	—
22. Without psychosis	2	—	2	—	—	—	2	—	—	—	—	—	—	—	—
Total	180	192	372	66	56	122	87	81	168	21	43	64	4	6	10

TABLE 14. *Psychoses of Readmissions.*

PSYCHOSES	Males	Females	Total
Traumatic psychoses	1	—	1
Senile psychoses	1	2	3
Psychoses with cerebral arteriosclerosis	3	1	4
General paralysis	2	3	5
Psychoses with cerebral syphilis	—	—	—
Psychoses with Huntington's chorea	—	—	—
Psychoses with brain tumor	—	—	—
Psychoses with other brain or nervous diseases	1	—	1
Alcoholic psychoses	6	—	6
Psychoses due to drugs and other exogenous toxins	—	—	—
Psychoses with pellagra	—	—	—
Psychoses with other somatic diseases	—	—	—
Manic-depressive psychoses	3	11	14
Involution melancholia	—	1	1
Dementia praecox	16	25	41
Paranoia and paranoid conditions	1	—	1
Epileptic psychoses	1	—	1
Psychoneuroses and neuroses	—	—	—
Psychoses with psychopathic personality	—	—	—
Psychoses with mental deficiency	2	1	3
Undiagnosed psychoses	1	2	3
Without psychosis	1	—	1
Total	39	46	85

TABLE 15. *Discharges of Patients Classified with Reference to Principal Psychoses and Condition on Discharge.*

PSYCHOSES	Total			Recovered			Improved			Unimproved		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Traumatic	—	—	—	—	—	—	—	—	—	—	—	—
Senile	3	4	7	2	—	2	—	4	4	1	—	1
With cerebral arteriosclerosis	6	4	10	1	2	3	4	1	5	1	1	2
General paralysis	11	1	12	—	—	—	10	—	10	1	1	2
With cerebral syphilis	1	1	2	—	—	—	1	1	2	—	—	—
With Huntington's chorea	—	—	—	—	—	—	—	—	—	—	—	—
With brain tumor	—	—	—	—	—	—	—	—	—	—	—	—
With other brain or nervous diseases	1	1	2	—	—	—	1	—	1	—	1	1
Alcoholic	16	1	17	11	—	11	4	1	5	1	—	1
Due to drugs and other exogenous toxins	—	—	—	—	—	—	—	—	—	—	—	—
With pellagra	—	—	—	—	—	—	—	—	—	—	—	—
With other somatic diseases	2	—	2	1	—	1	1	—	1	—	—	—
Manic-depressive	11	16	27	3	10	13	8	6	14	—	—	—
Involution melancholia	3	7	10	2	2	4	1	5	6	—	—	—
Dementia praecox	41	31	72	7	3	10	32	25	57	2	3	5
Paranoia and paranoid conditions	—	5	5	—	—	—	—	5	5	—	—	—
Epileptic psychoses	2	—	2	—	—	—	2	—	2	—	—	—
Psychoneuroses and neuroses	1	4	5	1	1	2	—	3	3	—	—	—
With psychopathic personality	—	—	—	—	—	—	—	—	—	—	—	—
With mental deficiency	1	3	4	1	1	2	—	2	2	—	—	—
Undiagnosed psychoses	1	1	2	—	1	1	—	—	—	1	—	1
Without psychosis	2	1	3	—	—	—	—	—	—	—	—	—
Total	102	80	182	29	20	49	64	53	117	7	6	13

CAUSES OF DEATH

CAUSES OF DEATH	Involution melancholia			Dementia praecox			Paranoid conditions			Epileptic psychoses			Psycho-neuroses and neuroses			With mental deficiency			All other psychoses		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
<i>Epidemic, Endemic and Infectious Diseases</i>																					
Tuberculosis of the respiratory system	-	-	-	4	6	10	-	-	-	-	-	-	-	-	-	-	-	-	2	-	2
Tuberculosis of other organs	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1
Syphilis (non-nervous forms)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Purulent infection, septicaemia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1
Other infectious diseases	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>General Diseases not Included in Class I</i>																					
Cancer and other malignant tumors	1	1	2	-	1	1	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
Rheumatism	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pellagra	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1
Diabetes	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other general diseases	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Diseases of the Nervous System</i>																					
Meningitis (non-epidemic)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cerebral hemorrhage, apoplexy	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1
General paralysis of the insane	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Epilepsy	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-
<i>Diseases of the Circulatory System</i>																					
Endocarditis and myocarditis	-	-	-	-	3	3	1	-	1	-	-	-	-	-	-	-	-	-	1	1	2
Arteriosclerosis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1
Other diseases of the circulatory system	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Diseases of the Respiratory System</i>																					
Bronchopneumonia	-	2	2	1	2	3	-	1	1	-	-	-	-	-	-	-	-	-	4	-	4
Lobar pneumonia	-	1	1	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-	2	2	2
Other diseases of the respiratory system (tuberculosis excepted)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Diseases of the Digestive System</i>																					
Diseases of the pharynx and tonsils	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diarrhea and enteritis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hernia and intestinal obstruction	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cirrhosis of liver	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other diseases of liver	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other diseases of digestive system (cancer and tuberculosis excepted)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-
<i>Non-Veneral Diseases of Genito-Urinary System and Annexa</i>																					
Nephritis	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other diseases of skin and annexa	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>External Causes</i>																					
Accidental traumatism	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other external causes	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	1	5	6	8	16	24	1	1	2	1	-	1	-	1	1	-	1	1	11	4	15

Includes group 22, "without psychosis."

TABLE 17. Age of Patients at Time of Death Classified with Reference to Principal Psychoses.

PSYCHOSES	Total			Under 15 years		15-19 years		20-24 years		25-29 years		30-34 years		35-39 years	
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2. Senile	13	24	37	—	—	—	—	—	—	—	—	—	—	—	—
3. With cerebral arteriosclerosis	12	19	31	—	—	—	—	—	—	—	—	—	—	—	—
4. General paralysis	14	8	22	—	—	—	—	—	—	—	—	1	1	2	2
5. With cerebral syphilis	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6. With Huntington's chorea	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
7. With brain tumor	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8. With other brain or nervous diseases	5	2	7	—	—	—	—	—	—	—	—	—	—	—	—
9. Alcoholic	4	1	5	—	—	—	—	—	—	—	—	—	—	1	1
10. Due to drugs and other exogenous toxins	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11. With pellagra	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—
12. With other somatic diseases	2	—	2	—	—	—	—	—	—	—	—	—	—	1	1
13. Manic-depressive	5	4	9	—	—	—	—	—	—	—	—	—	—	—	—
14. Involution melancholia	1	5	6	—	—	—	—	—	—	—	—	—	—	—	—
15. Dementia praecox	8	16	24	—	—	—	—	1	1	2	2	—	—	2	2
16. Paranoia and paranoid conditions	1	1	2	—	—	—	—	—	—	—	—	—	—	—	—
17. Epileptic psychoses	1	1	1	—	—	—	—	—	—	—	—	—	—	1	1
18. Psychoneuroses and neuroses	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
19. With psychopathic personality	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20. With mental deficiency	—	2	2	—	—	—	—	—	—	—	—	—	—	—	—
21. Undiagnosed psychoses	4	1	5	—	—	—	—	—	—	—	—	—	—	—	—
22. Without psychoses	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	70	85	155	—	—	—	—	1	1	2	2	1	3	7	8

TABLE 19. *Family Care Department.*

	Male	Female	Total
Remaining in Family Care, October 1, 1929	—	5	5
On visit from Family Care, October 1, 1929	—	—	—
Admitted during year	—	2	2
Whole number of cases within the year	—	7	7
Dismissed within the year	—	3	3
Returned to institution	—	3	3
Discharged	—	—	—
On visit	—	—	—
Remaining in Family Care, September 30, 1930	—	4	4
Supported by State	—	1	1
Private	—	—	—
Self-supporting	—	3	3
Number of different persons within the year	—	5	5
Number of different persons dismissed	—	3	3
Number of different persons admitted	—	2	2
Average daily number in Family Care during the year	—	5.0986	5.0986
Supported by State	—	.2739	.2739
Private	—	—	—
Self-supporting	—	.8219	.8219

The Commonwealth of Massachusetts

ANNUAL REPORT

OF THE

TRUSTEES

OF THE

TAUNTON STATE HOSPITAL

FOR THE

YEAR ENDING NOVEMBER 30, 1931

DEPARTMENT OF MENTAL DISEASES



APPROVAL OF THIS DOCUMENT APPROVED BY THE COMMISSION ON ADMINISTRATION AND FINANCE
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JUL 6 1932
TAUNTON STATE HOSPITAL

STATE HOUSE BOSTON
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TRUSTEES' REPORT

To His Excellency, the Governor, and the Honorable Council:

The Trustees of the Taunton State Hospital present herewith, their seventh annual report together with Superintendent's report, financial report, statistical tables

The personnel of our Board has remained the same. Arthur B. Reed of North Abington and Mrs. Elizabeth C. M. Gifford of Cambridge were re-elected to their respective offices of Chairman and Secretary. All the meetings of the Board, regular and special, have been well attended, those present at each meeting ways exceeding the number required to constitute a quorum. Regular inspections have been made by committees appointed by the Chairman and a number of additional visits have been made by individual members.

The past year has been one of very definite progress and we believe that the hospital is in very much better condition at the present time than it was at the beginning of the year. We have been able to continue our 10-year program out 5 years ago and now can report that the service section of the main hospital is complete and in operation. The patients' new cafeteria which was opened in the early part of this year, makes this report possible. We are all satisfied that it has been proven to be practical in every way, and that the quality of the food served to both patients and employees has been greatly improved. The cafeteria system of feeding makes possible a choice of foods, eliminates overcrowding, does away with a definite meal hour, consequently, one may enter the dining room, select his food, eat it as he sees fit, and leave without being disturbed by any

In addition, there is no question but what it is one of the most if not the most economical method of feeding.

Cement sidewalks and roads have been built in the vicinity of the buildings serving the service section and the landscaping in that area is very nearly completed. All of this has added much to the beauty of the rear center and it would seem that our ambition to have the back door look as well as the front, is soon to be realized.

Two new boilers and a new smoke stack are being installed at the present time. This is an improvement that has been badly needed for a number of years and we are hoping that it is the beginning of a program which will result in completing the very necessary renovation of the engineer's department.

Automatic sprinklers are being installed in the entire male division and fortunately, we still have sufficient funds from the appropriation made for that purpose to complete at least two other buildings. When this work is finished, our sprinkler program will be more than half completed. We sincerely hope that sufficient funds will be made available in the coming year to make its completion possible as fire protection is without question, one of our greatest problems. In this connection, we might mention that the program of replacing wooden floors with fireproof ones has been continued and male ward 7 was completed this year.

Much progress has been made in the replacement of old roads and sidewalks with modern cement construction and our shade trees have been greatly improved by the removal of dead wood.

Our wards still continue to be very much overcrowded, and it is hoped that this condition will be relieved in the immediate future by the construction of the new buildings outlined in our original 10-year program. These plans include a reception building, hospital building, male and female infirmaries and a building where convalescent treatment cases can be given active psychiatric treatment when necessary. This group, when completed, will result in the removal from the main hospital, of cases in need of special treatment and would insure greater safety in that they will all be housed in fireproof buildings. We fully realize that all of this cannot be accomplished in any one year, but we believe that a start should be made and that the appropriation for the coming year should include an item either for a reception building, a hospital building or both.

The following special appropriations have been requested for the coming year:

Fire Protection	\$15,000
Reception Buildings	400,000
Root Cellar	7,500
Officers' Cottages	11,500
Employees' Garage	4,000
The purchase of certain land in the town of Raynham	200
Renovation and modernization of dairy, cow barn, etc., at Raynham Colony as suggested by Mr. E. H. Forristall, Farm Supervisor.	Undetermined
Bay Street project	Undetermined
Furnishing of two officers cottages	4,000

The hospital has been visited and inspected at frequent intervals, by George M. [Name], M.D., Commissioner of the Department of Mental Diseases and his assistants.

To the different State Departments, including the Department of Mental Diseases, to the Superintendent and Employees of the hospital and to all others who have cooperated with us, we wish to express our sincere appreciation of their support and of the confidence and encouragement shown in the conduct of this institution.

ARTHUR B. REED, <i>Chairman</i>	ELIZABETH C. M. GIFFORD, <i>Secretary</i>
JULIUS BERKOWITZ	CHARLES C. CAIN, JR.
MARY B. BESSE	SAMUEL M. STONE

ASA A. MILLS

Trustees.

SUPERINTENDENT'S REPORT

To the Trustees of the Taunton State Hospital:

The seventy-eighth annual report of the Superintendent of the Taunton State Hospital, for the fiscal year ending November 30, 1931, is respectfully submitted for your consideration.

The statistical tables relative to patients, cover the period beginning October 1930, and ending September 30, 1931.

MOVEMENT OF POPULATION

On September 30, 1930, the hospital census was as follows: In the hospital, 844 men and 770 women, a total of 1,528. On parole and otherwise absent, 86 men and 121 women, a total of 207, making a grand total of 1,735 including 844 men and 891 women on the books of the hospital. During the year ending September 30, 1931, 561 patients were received. Of this number, 219 men and 202 women, a total of 421, were classed as first admissions, 61 men and 66 women, a total of 127, came as re-admissions and 6 men and 7 women a total of 13, were transferred from other hospitals for mental diseases.

Patients, 572 in number, including 297 men and 275 women, were discharged during the same period. Of this number, 150 men and 145 women, a total of 295, were returned to the community, 107 men and 89 women, a total of 196 died during the year, 40 men and 41 women, a total of 81, were transferred to other institutions.

The census on September 30, 1931, was as follows: In the hospital, 747 men and 774 women, a total of 1,521. On parole and otherwise absent, 86 men and 100 women, a total of 186, making a grand total of 1,724, including 833 men and 891 women on the books of the hospital. The total number of cases under treatment during the year was 2,296 (1,130 men and 1,166 women).

Of the 421 first admissions, only 345 were actually committed to the hospital, the remaining 76 being under temporary care. Of the 127 re-admissions, only 110 were committed there being 9 voluntary and 18 under temporary care.

FIRST ADMISSIONS

Nativity. Of the 345 committed first admissions, 100 men and 99 women, a total of 199 were born in the United States and 69 men and 77 women, a total of 146 were born in other countries, the percentage of native-born being 58 and of foreign born, 42.

Citizenship. Of the 345 committed first admissions, 199 or 58% were citizens by birth, 54 or 16% were citizens by naturalization, 75 or 21% were aliens and 11 or 5% were unascertained.

Mental Diagnosis. The different forms of mental disease shown by the committed first admissions were as follows: dementia praecox, 94 or 27.2%; psychosis with cerebral arteriosclerosis, 59 or 17.11%; senile psychosis, 4 or 1.16%; manic depressive psychosis, 28 or 8.12%; alcoholic psychosis, 21 or 6.09%; general paralysis, 18 or 5.22%; involution melancholia, 18 or 5.22%; paranoia and paranoid conditions, 18 or 5.22%; psychosis with other somatic diseases, 10 or 4.07%; psychosis with mental deficiency, 10 or 2.90%; psychosis with organic brain or nervous diseases, 4 or 1.14%; psychoneuroses and neuroses, 2 or .58%; epileptic psychoses, 4 or 1.13%; traumatic psychoses, 2 or .58%; psychosis with cerebral syphilis, 2 or .58%; undiagnosed psychoses, 1 or .29%; psychoses with psychopathic personality, 1 or .29%; without psychosis, 1 or .29%; psychosis with pellagra, 1 or .29%; psychosis with brain tumor, 1 or .29%; psychosis with drugs or other exogenous toxins, 1 or .29%.

For further information concerning psychoses of first admissions, see statistical tables.

Age. Of the 345 committed first admissions, 110 or 31.88% were over 60 years of age, 121 or 35.07% were between 40 and 60, the involution period, 93 or 26.96% were between 20 and 40 and 21 or 6.09% were under 20.

Education. Of the 345 committed first admissions, 37 or 10.72% were illiterate, 39 or 11.30% could read and write; 205 or 59.42% had a common school education, 39 or 11.30% had a high school education; 11 or 3.20% a college education and 14 or 4.06% were unascertained.

environment. Of the 345 committed first admissions, 314 or 91.01% were classed urban and 31 or 8.99% were rural.

RE-ADMISSIONS

Of the 100 patients re-admitted, the diagnoses were as follows: dementia praecox, 38 or 38%; manic depressive, 27 or 27%; psychosis with cerebral arteriosclerosis, 10 or 10%; involution melancholia, 4 or 4%; psychosis with mental deficiency, 4 or 4%; alcoholic psychosis, 4 or 4%; general paralysis, 3 or 3%; senile psychosis, 2 or 2%; epileptic psychosis, 2 or 2%; paranoia and paranoid conditions, 2 or 2%; diagnosed psychoses, 1 or 1%; psychosis with other somatic diseases, 1 or 1%; choreoses and neuroses, 1 or 1%; psychosis with psychopathic personality, 1 or 1%.

DISCHARGES

Two hundred and eight (208) of the 295 patients discharged were committed to the hospital. The remaining 87 were under temporary care and voluntary. The condition of the 208 discharged during the year was as follows: recovered, 61 or 29.32%; improved, 133 or 63.94%; unimproved, 13 or 6.25%; without psychosis, 49 or 23.49%.

DEATHS

The death rate for the year figured on the total number under treatment was 14.19%. One hundred eighty-three of the 196 patients dying during the year were committed. The remaining 13 were under temporary care. The causes of death were as follows: bronchopneumonia, 44 or 24.04%; endocarditis and myocarditis, 42 or 22.95%; general paralysis of the insane, 20 or 10.92%; arteriosclerosis, 17 or 9.19%; tuberculosis of the respiratory system, 11 or 6.01%; other general diseases, 10 or 4.37%; accidental traumatism, 5 or 2.73%; cancer and other malignant tumors, 4 or 2.19%; nephritis, 4 or 2.19%; lobar pneumonia, 3 or 1.63%; cerebral hemorrhage apoplexy, 3 or 1.63%; other diseases of the circulatory system, 3 or 1.63%; other diseases of skin and annexa, 2 or 1.09%; purulent infection, septicemia, 2 or 1.09%; tumor (non-cancerous), 2 or 1.09%; pericarditis, 1 or .55%; diseases of the pharynx and tonsils, 1 or .55%; diarrhea and enteritis, 1 or .55%; diseases of the digestive system (cancer and tuberculosis excepted), 1 or .55%; diseases of kidneys and annexa, 1 or .55%; diseases of prostate, 1 or .55%; syphilis (non-nervous forms), 1 or .55%; pellagra, 1 or .55%; alcoholism, 1 or .55%; epilepsy, 1 or .55%; other diseases of the nervous system, 1 or .55%; other external causes, 1 or .55%. Of those who died, 118 or 64.48% were over 60, 51 or 27.87% were from 40 to 60, 13 or 7.10% were from 20 to 40 and 1 or .55% was under 20. Our records show that at the close of the year there were 29 ex-service men in hospital.

MEDICAL SERVICE

The standard of the work done by our Medical Staff has increased over that of the past years. We have been fortunate in securing the services of a competent pathologist to direct the work of the clinical and pathological laboratories as well as the research work. The duties of our visiting staff are constantly increasing and the work carried on by them has been eminently satisfactory. Dr. Richard MacKnight has continued the cooperative spirit which he has now extended for so many years and has responded promptly to all our calls for advice in all communicable diseases. Dr. Joseph E. Barrett, who has been assistant superintendent for the past three years, was promoted to the position of assistant commissioner and assumed the duties of his position in the office of the commissioner early in September. During the year, 11 medical students have spent periods of from one to three months in the hospital as a part of their education. Every opportunity is extended to the young men to familiarize themselves with the workings of a mental hospital and it is believed that this practice will end in materially broadening their field of

vision in this line of endeavor. This arrangement has been made possible through the cooperation of Dr. A. Warren Stearns, Dean of Tufts College Medical School and Dr. George M. Kline, Commissioner of the Department of Mental Diseases.

Numerous lectures have been given by all the members of the medical staff in connection with the training school for nurses, affiliate nurses and attendants. Many lectures before clubs, societies, etc., have been delivered by the Superintendent and other members of the staff.

Dr. Harold W. Williams was appointed to the vacancy which had existed for several months in the laboratory. Dr. Herve Gibeault completed his residence and returned to Canada, and Dr. Harold J. Tosney was appointed to fill his vacancy. Dr. Ronald B. McIntosh resigned on May 27, 1931, to take an appointment as a Fellow in the Child Guidance work under the supervision of the National Committee for Mental Hygiene. His position was filled by Dr. Robert M. Bell. Louisa E. Boutelle resigned to go to the State Hospital at Concord, N. H., and was succeeded by Dr. Bernard Yood.

We have continued to use fever therapy as a method of treatment in selected cases of general paralysis. All of the various methods of raising the temperature except diathermy have been given a trial and we still believe that malaria is one of selection. Only early cases occurring in otherwise healthy individuals are inoculated; this precaution has, we believe, served to remove practically all the dangers which have been reported in literature and to increase the benefit derived. Our results have been uniformly good, some cases having made what appears to be a complete clinical recovery and a very large number are enjoying remissions and for the time being, are entirely free from symptoms with the exception of certain evidences of mental deterioration. The cases not selected for malaria treatment are given either arsphenamine, bismuth, mercury or potassium iodide. All syphilitics receive treatment throughout their stay in the hospital.

The following work was accomplished in the operating and dressing rooms during the year:

Operations:

Hysterectomy	1	Dilatation and curettage	
Herniotomies	5	Tonsillectomies and adenoidec-	
Ovarion cyst	1	tomies	
Appendectomy	1	Casts and splints applied	
Exploratory laparotomies	2	Carbuncles and boils incised	
Leg amputation	1	Sutures	
Suspension of uterus	1	Tooth extractions	
Total			

Miscellaneous:

Inoculations	386	Obstetrical cases	
Vaccinations	374	Venal punctures	
Gynecological examinations	207	Spinal punctures	
Dressings	6,080		

SOCIAL SERVICE

The work of the Social Service Department has gone on industriously and eventfully during the past year. There has been no change in the regular personnel; the two students who were with us last year, left in September for paid positions in other State Hospitals; there have been added two volunteer workers, one from Pembroke and one from Wheaton.

The number of histories taken shows an increase over the number of the previous year and our supervision visits have also increased. We are glad that we have been able to take a few steps toward our goal of more intensive case work. Under the supervision of the patients on trial visit, the history taking and investigation, the work done in connection with the psychiatrist in school and community clinics comprise the principal work of the department.

The workers have attended monthly conferences at the State House where problems common to all of the social workers of the Department of Mental Diseases are discussed. The head worker has attended other conferences on matters rela-

the supervision of students and the standardization of the work in the different hospitals. She also was present at the Annual Convention of Massachusetts Social Workers. Monthly meetings of the Round Table for Psychiatric Social Workers with its case discussions and lectures on different aspects of the work have proved constructive and stimulating. Three of the department are now taking a course in psychoanalysis under the auspices of this association. Other lectures bearing on social work and its allied subjects have also been attended.

A summary of the work accomplished follows:

SOCIAL SERVICE STATISTICS

December 1, 1930 to November 30, 1931

NUMERICAL SUMMARY OF CASES:

	HOSPITAL CASES				COMMUNITY CASES				TOTALS		
	House Patients		Out Patients		Clinic Cases		Others				
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	T.
New Cases	332	294	112	132	97	77	255*	109	854	612	1,466
							58**				
Renewed cases from previous year	—	—	—	—	—	—	—	—	—	—	—
Renewed cases within the year	—	—	—	—	—	—	—	—	—	—	—
Continued cases from previous year	139	122	81	118	70	95	—	—	290	335	625
Cases closed during year	308	267	108	150	77	73	313	109	806	599	1,405
Cases continued to following year	163	149	85	100	90	99	—	—	338	348	686

*School

**Court

SOURCES OF NEW CASES:

Number cases referred by physicians, 859; by community agencies, 174 plus 364 school clinic cases; plus 58 court cases.

ANALYSIS OF WORK:

1. Purposes for which cases were referred:

- Histories of Patients — taken at hospital, 425; taken outside hospital, 262.
- Investigations — conduct disorders, 49; employment situations, 9; home conditions, 58; statements of patients, 88; statements of others, 104.
- Supervision — in home, 426; in industry, 23; in community, 36.
- Care of patients' families, 21.
- Personal services, 229.
- Placement, 18.

2. Problems:

- Disease — mental, 425; physical, 47.
- Sex problems — prostitution, 1; wayward tendencies, 4.
- Environment — financial difficulties, 96; employment difficulties, 74; unsuitable surroundings, 11; friction — family, 38; others, 19.
- Personality problems — temperament, 47; anti-social habits, 41; vacillating interest, 8.
- Educational problems — readjustment habits of mind, 68; recreation, church, social relationships, 69.
- Legal problems — resulting from conduct of patient, 1.

SERVICE RENDERED:

1. Medical:

Contribution of information *re*: medical history, 681; home conditions, 457; condition of out-patients, 421.

2. Social:

Adjustments for patients — personal relations, 11.

Advice — to relatives, 249; to patients, 312; to others, 62.

Connecting with agencies, 348; with individuals, 1,806.

Family assistance — miscellaneous, 3.

Personal services: 132. Number Psychological tests to hospital patients, 49; Number Psychological tests to prisoners, 53.

V. SUPERVISION WORK:

1. Number patients on visit last day previous year, 199; discharged from visit during year, 164. Visits — to patients on ward, 236; to patients on visit, 392; to relatives or friends, 230; to social agencies, 145; others, 37.
2. Family care patients —
Number patients visited, 12; number patients placed, 2; number patients discharged, 1; Christmas boxes sent, 4.

VI. CLINIC WORK:

1. Hospital clinics — number interviews with patients, 532; patients attending community clinics, number interviews with relatives, 254.
2. School clinics — number attended, 56; number psychological tests, 3; miscellaneous work, arrangements for 17 clinics, 22 school tests — instructions to 3 teachers and 3 nurses.
3. Community clinics — number attended, 141; interviews with patients, 287; interviews with others, 319.

VII. MISCELLANEOUS:

1. Amount of expense account — school or community clinic work, \$124; hospital work, \$464.93.
2. Account of time — number days in hospital, 640; days outside hospital, 706½; days spent in school clinic work, 57; days spent in community clinic work, 188.

SPECIAL FEATURES:

LECTURES —

8 Nurses Training School; 1 Vocational Study Group of Westport; 2 Psychological analysis (Dr. Franz Alexander); 3 Meetings of Mental Hygiene Society.

CONFERENCES —

Daily hospital conferences; Monthly conferences at State House; Saturday morning conferences at State House for head workers; monthly conferences for supervisors of students; Monthly meetings of Round Table; Psychiatric Social Worker; Annual Convention of Massachusetts Social Workers.

OUT-PATIENT DEPARTMENT

Our mental clinics have continued to serve the community, and the limited space we have available for the work has been kept very busy. The work has covered a wide field and patients of all ages have been studied. Children were very definitely in preponderance however.

Diagnoses and recommendations have been made in all cases and in some cases it has been possible to institute treatment.

A law requiring that all juvenile delinquents be examined mentally and physically before being committed to a training school was passed by the Legislature last year. This work was allotted to the mental hospitals by the Department of Mental Diseases and is now being carried on either at our mental clinics or by our traveling clinic. As we can take care of only about so many cases it is feared that this will serve to exclude some who wish to get the services of the clinics in the regular way.

The School Clinic work has been carried on as in years past. We are now examining the children of all the cities and towns in our district with the exception of Boston city. Re-examinations are being asked for more frequently and the interest on the part of the school authorities seems to be increasing.

The following is a summary of the work done by these different clinics:

Mental Clinics

<i>Source of Cases</i>	<i>Number of Visits</i>
Children's Aid Society	60
School Department	37
Society for Prevention of Cruelty to Children	9
Private Physicians	20
Family Welfare Society	6
Catholic Welfare Bureau	6
Taunton State Hospital	521
Department of Public Health	14
Other Sources	144
Total	817

New Bedford

<i>Cases</i>	<i>Total Visits</i>
Male	25
Female	28
Total	53
Male	223
Female	231
Total	454

Fall River

<i>Cases</i>	<i>Total Visits</i>
Male	41
Female	24
Total	65
Male	138
Female	156
Total	294

Taunton

<i>Cases</i>	<i>Total Visits</i>
Male	30
Female	25
Total	55
Male	36
Female	29
Total	65

Attleboro

<i>Cases</i>	<i>Total Visits</i>
Male	1
Female	2
Total	3
Male	2
Female	2
Total	4

Male cases seen (new)	97
Female cases seen (new)	79
Total new cases seen	176

Male visits to clinic	399
Female visits to clinic	418
Total visits to clinic	817

— Of the above total, 44 were juvenile delinquents coming under the new law, and there were who were examined outside the out-patient clinics. Total of juvenile delinquents was 46.

School Clinics

Number of towns visited	22
Number of new cases examined	228
Number of cases re-examined	125
Number of complete cases	353

Number of incomplete cases	0
Number of cases recommended for institutional care	5
Number of cases recommended for special class	134
Number of cases advised to continue in grade	114
Other recommendations	100

DENTAL DEPARTMENT

The dental department emphasized two dental procedures this last year. attempt was made to make the routine examination and cleaning a semi-annual instead of an annual procedure. The time seemed at hand when more attention should be given the restorative work. With the teeth of our new admissions many times beyond reparation, many extractions are necessary. The number of edentulous mouths has grown unbelievably. To a certain extent both these endeavors have brought success, especially the restorative work, but either due to the enlarged number of new admissions or the miscalculation of its magnitude the examination and prophylactic work failed to realize the results hoped for during the first year of experimentation. With the amount of benefit evident from what was accomplished this past year, continuation of these practices seems advisable.

The work accomplished is as follows:

Bridgework removed	
Bridgework reset	
Davis crown set	
Cleaned and scaled	8
Examined and charted	1,000
Extractions	1,000
Amalgam fillings	2
Kryptex fillings	
Root canal fillings	
Temporary fillings	
Zinc oxide and eugenol	
Impression, bite, shade	
Teeth tried in	
Plates made	
Plates adjusted	
Plates repaired	
Plates cleaned	
Abcess lanced	
Formo-creosol	
Gums treated	
Howe's silver nitrate	
Post operative	
Root canal	
Tooth treated	
X-rays taken	
Patients with work completed	1,000
Number of visits	4,000
Number of operations	5,000
Average operation per patient	1
Number of extractions and fillings on new patients	541
Percentage of patients with work O. K.	85
Percentage of patients unable to receive attention	11
Percentage of patients with work to be done	2
Percentage of new admissions needing dental attention	41
Number of patients treated first time	1
Number of patients receiving dental attention other than extractions and cleaning	
Number of patients needing no dental attention on November 30	1
Number of patients wearing plates	
Number of sets of false teeth	

Number of patients needing no dental attention because of plates and no teeth	402
Number of patients wearing crown and bridgework	311
Number of bridges, crowns, pivots	634
Number of artificial appliances	1,103
Number of patients with no teeth	226
Number of patients needing false teeth	54
Number of plates needed	57
Average number of patients treated daily	16.83
Average number of operations per day	20.40
Number of days office open	262

X-RAY DEPARTMENT

This department has continued to do the work referred by the various doctors the staff in a satisfactory manner despite the fact that its equipment and location are quite unsatisfactory.

The following is a report for the current year, of the work done:

Femur, 1; shoulder, 13; ribs, 1; wrist 20; hip joint, 19; knee, 5; pelvis, 7; chest, 57; spine, 1; finger, 15; hand, 12; ankle, 10; foot, 9; elbow, 8; sinus, 2; U. V., 3; skull, 16; gastro-intestinal, 2; thumb, 4; foreign body, 1; forearm, 1; tibia, 5; humerus, 4; gall bladder, 2; heart, 2; abdomen, 1; pregnancy, 1; lower jaw, 3; barium enema, 3; coccyx, 1; upper jaw, 1; nose, 2; teeth, 9. Total, 395.

PHYSIOTHERAPY DEPARTMENT

This Department which is in charge of a physician and trained technician has functioned very actively and effectively. During the year, 93 patients were treated, 47 of these being men and 46 women. Out of this number 43 (including both men and women) were discontinued from treatment, with very good results. There were also 14 employees treated. In the male department, auto-condensation treatments have been given for hypertension cases, being started within the past half year with very good results. Other cases treated were: psoriasis, acne, tuberculosis, eczema, ulcers, carbuncles, rheumatism, fractures, abscesses, anemia, contractures and dislocations.

A detail of the work follows:

	Men		Women	
	Treat-ments	Hours	Treat-ments	Hours
Ultra Violet Ray	1,038	332 1/2	1,624	343
Radiant Heat-Massage and Diathermy	182	73 1/2	441	116
Auto Condensation	338	203	—	—
Total	1,558	619	2,065	459

Total of all treatments given — 3,623

Total of all hours — 1,078

HYDROTHERAPY

The hydrotherapy department has continued to increase its activities, now having trained hydrotherapists and 9 nurses devoting full time to hydrotherapeutic procedures. Continuous baths, packs, and tonic baths are in continuous use and beneficial results derived prove it to be one of the most valuable forms of treatment for our patients.

The following is a detail of the work accomplished in this department for the year

Tonic Baths

	Male	Female	Total
Salt glows	1,047	907	1,954
Hot and cold to spine	1,196	959	2,155
Foot baths as preparatory treatments	175	86	261
Electric light baths	234	41	275
Sitz baths	0	28	28
Swedish Shampoos	1,193	888	2,081
Hair Shampoos	1,171	695	1,866
Needle sprays	3,830	2,898	6,728
Fan douches	3,538	2,711	6,249
Rain douches	1,171	695	1,866

Continuous Baths

Number of Patients	224	303	527
Number of baths	3,725	5,313	9,038
Number of hours	34,983 $\frac{3}{4}$	57,147 $\frac{1}{2}$	92,131

Wet Sheet Packs

Number of patients	281	391	672
Number of packs	10,149	9,949	20,098
Number of hours	31,209 $\frac{3}{4}$	26,184 $\frac{1}{4}$	57,394

Instructions

Pack lessons:			
Number of pupils	8	72	80
Number of lessons	20	99	119
Number of hours	21	154 $\frac{1}{2}$	175 $\frac{1}{2}$
Continuous bath lessons:			
Number of pupils	2	76	78
Number of lessons	7	134	141
Number of hours	8	267 $\frac{1}{4}$	275 $\frac{1}{4}$

OCUPATIONAL THERAPY

At the present time, we have our full quota of employees in the Occupational Therapy Department, namely, one head occupational therapist, four aides, physical director and one director of music.

The following classes were held regularly: Main Occupational Therapy Classroom, E. G. 8, W. G. 8, H. I. 2, H. I. 3, W. E. 3 and E. E. 3. Patients are prescribed to the Occupational Therapy Classes by the physician in charge of ward, using the standardized prescription card. Monthly progress notes are written by the occupational therapists and daily attendance records are kept. Two occupational therapy aides supervised the bean and berry picking, taking out large groups of patients daily, beginning on June 26 and ending August 22.

The affiliate nurses were given a short course of lectures in occupational therapy and twenty hours in crafts and practical work in classes, coming in groups of every three months. The student nurses of the hospital are also given instruction in occupational therapy work.

All recreational activities are under the direction of this department, both patients and employees. Our Christmas week program opened with a play titled *Diamonds and Detectives* which was presented at the hospital by the Ad Post Auxiliary of the Veterans of Foreign Wars on Monday evening, December 22, 1930. Dancing was enjoyed by the patients after the play, and the ex-servicemen were presented with candy, fruit, stockings, and handkerchiefs. The tab *Adoration* was presented in the Assembly Hall on Christmas Eve; the cast composed of 24 patients. Gifts were then passed out to the patients from Christmas Tree by an employee in the capacity of Santa Claus, who also visited all wards passing out gifts and candy to the patients. Religious services

d on Christmas Day both in the morning and afternoon, with special music for h. On Friday, December 26, the Patient's Party was enjoyed by a large number. Prizes were awarded by the Superintendent, to winners of games and tests. An entertainment followed by dancing was given at Lovering Colony December 29, and an entertainment was given for the benefit of the men at Eden Colony on December 30. The Christmas activities ended with the annual New Years Ball for employees, on New Years Eve. The assembly hall and front porch were decorated with evergreen and holly and a very pleasant Christmas season was enjoyed by all.

The following people very generously contributed to our Christmas fund: Mrs. W. Keney, Miss Jennie Thomas, Mrs. Carolyn G. Williams, Mrs. Marie L. Warden, Mr. and Mrs. Edwin Shepardson, Mrs. Marie Rogers, Mr. Anthony Flos, Mrs. Mary B. Besse, Clarice A. Valentine, Mr. Alfred Carlson, Mrs. Annie Cey, Mr. Harvey Sampson, Mrs. Margorida Neves, Mr. Joseph F. Waldron, Mr. Frank C. Perry, Mrs. Eleanor Donelli, Mr. Edward J. O'Brien, Mr. J. B. Prieau, Mr. William Hennessey, Mr. William E. Fuller, Mr. James Boylan, Mr. Walter Atkinson, Mrs. Azelie Melanson, Mr. S. M. Stone, Mr. N. F. Tupper, Mrs. Therine Monteiro, Mr. Henry W. Parker, Mr. and Mrs. H. M. Lane, Mr. Thomas Emme, Mr. John Cullinan, Mrs. John Yates, Mr. Thomas E. Leonard, J. J. Wadman, Mrs. Mary Garand, Mr. Raymond E. Drake, Mr. Henry F. Palmer, Annie Coffey, Mrs. Elizabeth A. Miles, Mr. William Kelley, Mrs. Augustus LeClair, Mrs. Florence Stinton, Rev. Francis Maloney, Rev. Francis A. McCarthy, Mrs. Edith F. Leonard, Mr. Elmer I. Wheeler, Mr. Michael Santos, Mr. Arthur Dolan, Mr. Maurice Robbins, Mrs. Emma C. Thompson, Mr. P. Fitzpatrick, Mr. Harry Henk, Flora Blake, Mr. Robert C. Haynes, Dr. Helen F. Pierce, Mrs. Celina Dumont, Mr. Anthony L. Carlos, Mr. Alfred Carlson, Mr. Alphonse Michaud.

The other entertainments held during the year were as follows:

Baseball Dance — January 13.

Nurses' Graduation — January 27. Assembly hall decorated in blue and gold.

Washington's Birthday Party — February 24.

Patients' Costume Party — February 25. Consisted of games and dancing. Refreshments were served and prizes were awarded by the Superintendent of the Hospital.

St. Patrick's Party — March 15. Games, contests, and dancing. Refreshments. Prizes were awarded.

Community Sing — March 10. A large number of patients attended and the response was exceptionally good.

Whist Party — April 7. Attendance of 100 patients.

American Legion Entertainment — April 14. Band music by the High School and under the direction of Mr. Robert Park. Play entitled *How the Story Grew* was presented by the Girls' Club.

Veterans' of Foreign Wars Entertainment — April 21. This entertainment was especially for the ex-service men, but was enjoyed by many other patients. There were short sketches, tap, toe, and acrobatic dancing, and vocal solos. Smokes, (cigarettes,) and chewing gum were given to the ex-service men by the organization afterward, and refreshments were served to the guests.

Community Singing — April 13 and 27; May 4 and 14; June 10 and 24; and August 19. A great deal of interest was shown by the patients on both of the April dates, and vocal and violin solos were given at both.

May Party for Employees — May 26. May Party — May 27. Consisted of games, contests and dancing. Refreshments and prizes. This was the closing event of the season.

Three-act play (*Let's Get Married*) — June 10. Cast composed of 9 patients. The play was later presented at the Foxborough State Hospital — June 26, at the request of the Superintendent there.

Band Concert — July 11. Given by the Salvation Army Band of New Bedford, on the grounds of the hospital.

Whist Party — July 14. One hundred patients were present. Prizes were given and refreshments served.

Song Service — July 26. Given by the Salvation Army Songsters of Pawtucket, R. I.

Whist Party — September 14. Prizes were awarded and refreshments were served. This form of entertainment seems to be very much enjoyed by all the patients who attend. On the showing of hands, the vote was almost unanimously in favor of whist parties.

Farewell Party for Assistant Superintendent — September 23. Dr. Joseph Barrett was promoted earlier in the month, to the position of Assistant to the Commissioner of the Department of Mental Diseases, consequently this party was arranged for him. Dr. Barrett was presented with a purse of gold and Mr. Barrett with an arm bouquet of roses as a token of the respect and appreciation of the employees of the Taunton State Hospital.

Moving Pictures — September 30. This was the first showing of the season, there being one weekly through the winter.

Patients' Weekly Dance — October 2. This was the first dance of the season, there being one weekly throughout the winter months. Music was furnished by the hospital orchestra under the leadership of the director of music.

Employees' Halloween Dance — October 29. Prizes were given for the best and funniest costumes.

Patients' Halloween Party — October 30. Games, contests, and dancing; prizes given for best and funniest costumes.

Patients' Thanksgiving Party — November 24. Games and dancing. Apples, doughnuts, and punch were served. Prizes for winners of contests.

Employees' Thanksgiving Dance — November 27.

The following schedule shows the number of patients treated in the occupational therapy department during the year:

Under treatment first of year	2
Admitted to classes during year	6
Cases not previously treated	3
Cases previously treated	2
Cases transferred	4
Cases discontinued	1
Cases discharged	
Cases died	
Cases remaining under treatment at end of year	2

The following articles were completed by the patients during the year: pillow tops; 491 embroidered runners; 31 centerpieces; 4 hand embroidered towels; 139 rugs; 10 woven burlap trackers; 12 hot dish mats; 1 small table mat; 46 knitted facecloths; 3 crocheted dish cloths; 5 handkerchiefs (crocheted edge); 4 needle cases; 23 table covers; 2 pin-cushions; 4 hosiery boxes; 2 scarfs; 1 knitted sweater; 1 6-piece vanity set; 151 knitted shoulderettes; 3 sets hand decorated book-ends; 3 hand-painted bird sticks; 4 reed ferneries; 7 reed jennies; 4 reed waste baskets; 2 reed desk baskets; 10 hand-decorated door-stops; 1 rayon mantel cover; 1,975 crepe paper flowers; 1 6-piece vanity set in filet crochet; 1 hooked-in chair seat.

SCHOOL OF NURSING

The School of Nursing continues to progress and now has an enrollment of 28 students.

During the year, 5 students completed the 3 year course, 40 students from affiliating schools were given certificates for completion of the three-month course in psychiatric nursing, and a course in practical nursing was successfully completed by 28 attendant nurses.

Classroom instruction, including lectures, demonstrations, and recitation, 1,145 hours, were given to student nurses; and 108 hours of theory and practice to attendant nurses. In addition to the student body, 20 registered nurses were associated with the School, each helping in the training of the student. A registered nurse was assigned to the Nurses' Home as housemother, thus enabling the school to have close contact with the student at all times. Since the beginning of the affiliation course, in February, 1929, classes have been conducted during the summer

months, and increasing demands have been made on the members of the medical staff for lectures. The willingness with which these demands have been met has merited the sincere gratitude of the School.

Members of the nursing staff have been present at meetings of district, state, and New England divisions of the American Nurses' Association.

LABORATORY

Since July 1931, the volume of work in the laboratory has been increased. This has not resulted from a greater number of specimens received but rather to the assumption of the microscopic study of tissues removed from all organs at autopsies. In making this study, the clinical diagnosis can the better be confirmed or disproved with resulting benefit to patient, hospital, and staff. Some difficulty has been met with in accomplishing this end as carefully as desired because two different technicians at separate times had to be instructed in this tissue work. Soon, however, the reorganization of the laboratory staff will be well under way and the time thus spent can henceforth be used to work on some of the many problems of neuropathology.

Attempts have been made to correlate the clinical and pathological findings of the cases that come to autopsy by presenting to the staff at least weekly, some interesting phase of these cases. With time, it is intended this correlating will be increased and made more valuable.

While aiding the staff in diagnosis, the following has been done: Urine examinations, 1,556; complete blood counts, 800; white blood counts, 101; blood sugar determinations, 120; blood urea nitrogen determinations, 44; blood non-protein nitrogen determinations, 39; bacteriological smears, 275; bacteriological cultures, 17; sputums, 8; stools, 29; spinal fluids, 48; stomach contents, 3; renal function tests, 2; coagulation time determinations, 3.

There were 196 deaths during the year and 67 autopsies. This gives a percentage of 34.18.

RELIGIOUS SERVICES

Every Sunday, we have two well attended religious services, one being held in the morning at 8:45 and the other in the afternoon at 4:00. We are very fortunate in having the assistance of interested clergymen and our choir consisting of patients supervised by an employee, has cooperated well during the past year.

The institution heartily appreciates the work that has been done by the following clergymen: Rev. Frederick W. Alden, Rev. Linton Dwyer, Rev. Dan H. Fenn, Rev. John Findlay, Rev. E. H. Green, Rev. William Haney, Rev. Francis Maloney, Rev. Charles Martin, Rev. Francis A. McCarthy, Rev. H. M. Medary, Rev. Robert Roberts, Rev. D. W. Swaffield, Rev. M. P. Tobey.

LIBRARY

Total number of books on November 30, 1931	6,450
Number of books discarded	110
Additions by purchase	160
Additions by gift	114
Employees' Library Cards	111
Circulation of books — Fiction	4,944
Circulation of books — Non-fiction, including bound magazines	453

Total circulation 5,397

Books are now going at regular intervals to both colonies and to seven wards in which the patients enjoy reading. From the other wards, except those where magazines only are allowed, attendants bring patients wishing to have books, to the library to select for themselves.

Typewritten catalogues of all the books in the library on December 1, 1930, are now on all the reading wards. Supplements to these catalogues, containing the ward's additions, are to be made annually.

The following is a list of magazine and book contributors: Mrs. Elizabeth C. M. Clifford, Mrs. Grant, Dr. William F. Wyatt, Dr. Louisa E. Boutelle, Mr. J. Randall

Pratt, Mrs. Mary B. Besse, The Periodical Club of Fall River, Mrs. Ina Basse, Mr. J. H. Hastings, Mr. A. C. Bent, Mrs. Arthur B. Hart, Miss Mary Nichols, Mr. Richard Smerdon, Sr., Miss F. E. Francis, Miss Katherine A. Smith, Mrs. George Burt, Mr. E. Russell Davol, Mrs. John Clift, Mrs. R. G. Witherall, Mr. Peter Davidson, Mr. C. M. Dawes, Mr. Harold C. Parmenter, Mrs. Howard Woodward, Mrs. Thomas Smith, Mrs. Edith Curtis, Miss Bertha J. Washburn, Mrs. Joseph M. Eby, Mrs. E. P. Rand, Mrs. Dorothy Phillips, Miss Annie A. Hall, R. M. Miss Louisa Hall, Mr. Percy Davidson, Miss A. E. Bragg, Mrs. Louise Moore Merrill, Mr. George H. Burt, Miss Mary C. Correia, Mrs. Effie Gardner, Mr. Irving Livingstone, Mr. James O. Fagan.

FARM

Our farm has had a splendid year; the cost decreased about \$2,000 while the production increased to the extent of \$4,838.01, exceeding the profits of last year by \$7,124.16. The installation of the cafeteria system for serving the meals has resulted in a great increase in the number of vegetables consumed and a decrease in the use of certain purchased commodities such as flour, a very desirable change but one which will necessitate increased activity on the part of the farm and next year, we will have to increase our acreage materially, for this reason. For the first time, we have placed some of our root crops in cold storage for late spring consumption.

Our herd continued to be free from tuberculosis and the milk production increased. The swine and poultry departments have had an unusually good year and these together with the dairy department, have contributed much to the increase in profit.

The clearing of land at the Raynham Colony has continued and during the year, it has been necessary to move several employees from the home farm in order to take care of the activities there. The land that is being added to our tillage is of very good quality and will without question serve to increase our production as time goes on. Much of the success of the farm may be attributed to the excellent cooperation of the patients who work there and it cannot be forgotten that they are benefited too.

The following is a detail of the farm production for the year: 662,677 lbs. milk; 9,697 lbs. beef; 60,235 lbs. pork; 1,400½ lbs. liver; 7,478 7-12 doz. eggs; 3,800 lbs. fowl; 917 lbs. chicken; 2,684 lbs. broilers; 120,811 lbs. potatoes; 2,062 lbs. asparagus; 22,327 lbs. string beans; 10,889 lbs. beets; 410 lbs. brocoli; 412 lbs. brussels sprouts; 81,510 lbs. cabbage; 7,920 lbs. cantaloupe; 36,293 lbs. carrots; 18 lbs. cauliflower; 1,590 lbs. celery; 15,377 lbs. Swiss chard; 20,151 lbs. sweet corn; 7,943 lbs. cucumbers; 546 lbs. dandelions; 6,864 lbs. kohlrabi; 6,056 lbs. lettuce; 17,418 lbs. onions; 3 lbs. parsley; 15,366 lbs. parsnips; 654 lbs. green peas; 1,394 lbs. peppers; 9,750 lbs. pumpkins; 2,052 lbs. radish; 2,266 lbs. rhubarb; 4,140 lbs. spinach; 13,692 lbs. summer squash; 51,882 lbs. winter squash; 92,569 lbs. tomatoes; 18,782 lbs. turnips; 720,000 lbs. ensilage; 42,000 lbs. milk; 27,000 lbs. oats; 98,000 lbs. hay; 379,300 lbs. greenfeed; 128,430 lbs. mangels; 8,419 lbs. apples; 6 lbs. cherries; 1,609½ lbs. currants; 692 lbs. grapes; 3 lbs. plums; 14,999 lbs. peaches; 48 lbs. quinces; 1,419 lbs. blackberries; 1,348 lbs. gooseberries; 3,742 lbs. strawberries; 3,672 lbs. raspberries.

INDUSTRIAL DEPARTMENT

This department continues to be a very important part of our organization. It furnishes occupation and thereby a more nearly normal existence to many patients both men and women. It also makes possible the manufacture of clothing and other materials in a manner which is entirely suitable to our needs.

Our production in all the shops is on a satisfactory basis and there has been no difficulty in maintaining this state during the past year; in fact, at times it has been necessary to curtail. We are planning to increase facilities for repair and manufacturing furniture during the coming year, and new industries of less importance are being constantly added to those already accomplished in our various shops.

A report of each of the individual shops follows:

Industrial Shop

Produced — 1,025 brooms, 1,010 mattresses, 603 brushes, 13 garbage cans, 2 hanging signs, 5 dishpans, 3 drip pans, 131 water pails, 4 drain funnels, 73 dust pans, 1 milk can, 2 sauce ladles, 5 dry mops, 100 wet mops, 555 pillows, 4 dippers, 20 covers, 20 plugs for cereal cookers, 4 boilers, 81 window shades, 1 butter chip dispenser, 24 paint cans, 12 tins, 5 colanders, 2 kettles, 1 table, 4 metals attached to racks, 8 sleeves and flanges on pipes, 7 cake pans, 15 cushions, 1 baseball kit, 3 skimmers, 1 metal screen, 9 rope mats, 3 cookie cutters, 2 doughnut cutters, 3 st cans, 6 wire hoops, 3 ventilator covers, 14 rubber covers for mattresses, 200 les made in key tags.

Repaired — 64 cans, 22 pans, 16 pails, 20 boilers, 8 bins, 4 urns, 12 pitchers, 1 poker, 4 covers, 2 sprayers, 1 plunger, 1 strainer, 4 kettles, 2 ladles, 1 polisher, 2 hampers, 2 measures, 3 tubs, 15 brushes, 3 transoms, 49 tins, 2 bowls, 9 colanders, 2 egg beaters, 46 clocks, 4 mattresses, 3 perculators, 2 coal hods, 4 tanks, 15 chairs, 2 book folders, 1 freezer, 5 ice chests, 40 teapots, 3 dippers, 7 wringers, 2 meat cutters set up, 1 can opener put on table, 2 boxes, 2 lawn rollers, 33 racks, 3 sink stands, 4 doors, 54 window shades, 1 ventilator, 1 shaving kit, 8 conductors, 8 or pads, 1 oiler, 1 vacuum cleaner, 1 shovel, 2 skimmers, 1 sieve, 1 rubber tracker (tied on floor in vault), 1 pipe repaired in tank, wheels put on 1 cabinet.

Upholstered — 26 chairs, 1 hassock, 33 cushions, 1 sofa.

Caned — 125 chairs.

Tailor Shop

Manufactured — 442 suits, 102 coats, 352 pr. pants, 5 window shades, 1 uniform, 2 costumes, 49 vests, 6 doz. aprons, 213 rugs, 36 overalls.

Repaired — 3,100 suits, 13 rugs, 37 pr. pants, 45 coats, 20 vests, 3 cushion covers, 1 rubber mattress cover, 29 dresses, 1 sleeve.

Shoe Shop

Manufactured — 762 pr. men's shoes, 436 pr. women's shoes, 146 pr. slippers.

Repaired — 149 heel linings, 182 rubber heels, 261 leather heels, 836 taps (nailed and sewed), 240 uppers patched, 190 soles patched, 218 rips (sewed), 108 straps, 2 pr. baseball shoes, 2 pieces rubber matting, 2 brief cases, 1 auto curtain, 1 mail bag, 3 ball gloves, 1 ball bag, 2 harnesses, 82 fiber lifts put on, 46 rubber lifts put on, 1,969 rubber heels put on.

Sewing Room

Manufactured — 815 aprons, 24 bath mittens, 6 baby dresses, 98 bed jackets, 5 bibs; 739 blankets tagged and hemmed; 30 boots, 1,042 B. V. D.'s, 12 capes, 2 coffee bags, 86 cushion covers, 782 pr. curtains, 29 chair cushions, 16 dish washer stands, 689 draw sheets, 2 prs. drawers, 1,070 dresses, 192 dust cloths, 49 face cloths, 10 gowns, 89 hammocks, 68 waitresses' head bands, 20 hot water bottle covers, 24 ice collar covers, 3 jelly bags, 90 kitchen pan holders, 6 pads, 709 laundry bags, 6,266 napkins, 94 mattress ticks, 1,030 nightdresses, 1,312 nightshirts, 135 nurses' aprons, 136 nurses' bibs, 30 nurses' caps, 86 pr. nurses' cuffs, 6 nurses' hat bands, 2 pr. overdrapes, 114 pack sheets, 84 pajama jackets, 85 pajama pants, 1 piano scarf, 137 pillow cushions, 3,736 pillow slips, 42 pillow ticks, 1,587 men's shirts, 4,546 sheets, 102 screen covers, 423 shroud sheets and squares, 874 men's sick shirts, 595 womens' sick shirts, 3 silver cases, 671 slips, 36 stockings (marked), 4 table scarfs, 852 table cloths, 297 tie backs, 48 triangular slings, 8,785 rags, 43 tub covers, 2 tub curtains, 36 utility cases, 90 valances, 51 window shades, 2 Santa Claus suits, 79 kitchen mittens, 42 puff covers, 20 puff linings, 5 puffs tied, 5 silk puffs, 29 tray cloths.

Repaired — 1,501 socks.

Mending Room

Repaired — 1,318 aprons, 127 bath robes, 150 bibs, 223 blankets, 1,249 B. V. D.'s, 2 caps, 24 cap bands, 828 coats, 3 corsets, 3 corset covers, 112 curtains, 2,111 prs. drawers, 4,762 dresses, 134 gowns, 1 ice bag cover, 5 jackets, 1 kimona, 3,932

laundry bags, 741 mattress ticks, 19 mittens, 13 mop bags, 909 napkins, 9,800 nightdresses, 328 overalls, 128 pr. pants, 9 petticoats, 161 pillow slips, 9 pillow ticks, 26 puff covers, 2 scarfs, 29 shawls, 1,298 sheets, 5,045 shirts, 1,501 slipspreads, 220 spreads, 16,593 stockings, 64 sweaters, 91 table cloths, 817 towels, 53 table cloths, 467 tub covers, 388 unionsuits, 2 valances, 44 window shades.

REPAIRS AND RENEWALS

The Legislature appropriated \$18,000 under this heading during the past year. With this money, we have been able to make the following improvements:

Oil burners were installed in our bakery ovens and have proven to be a great success. The dust incident to the burning of coke has entirely disappeared and it would seem from studies made so far, that the fuel expense would not be very much, if any greater.

Two dish-washing machines were purchased for installation at the Colonies where the dishes have always been washed by hand. It is believed that this will be a great improvement from the standpoint of sanitation.

Modern metal laundry chutes have been installed in each of our infirmaries buildings, where the handling of a great quantity of soiled linen has always been a problem. These chutes will make it possible to get soiled linen out of the ward immediately, which without question, will make conditions on the ward much better.

The roof of the large cow-barn at Raynham Colony was renewed.

Our programs for changing locks and improving the heating system in the main building, were continued.

Electric refrigerators were purchased for the staff kitchen and one cottage.

A granolithic floor surfaced with linoleum in the corridors and terrazzo in the rooms, was installed in Male Ward 7. This ward has also been completely renovated and is now in very good condition.

New lavatories were installed in Male Wards 7, 8, 9 and clothing rooms in Male Wards 7, 8, 9, and Female Ward 9. These changes were badly needed and will be much to the benefit of the service.

More cement sidewalk and road has been constructed than ever before.

Insulated food conveyors were purchased for the purpose of conveying food from the kitchen to the few patients who because of conduct disturbance cannot go to the cafeteria. These conveyors have made the service of food to these people compare very favorably with that in the cafeteria.

The sum of \$3,300 which was appropriated for the purchase of talking motion picture apparatus is carried over as a liability and this installation will probably be made very soon.

The Legislature gave us permission to buy seats for the chapel from maintenance if there should be a balance. An item of \$2,400 was set up under Repairs and Renewals for this purpose and we now have 600 folding seats on the main floor and about 75 opera seats in the balcony. This completes the furnishings of the chapel unit. During the course of the year, an emergency arose and it was necessary to re-tube two of our boilers. An item of \$1,170 was set up under Repairs and Renewals for this purpose.

Requests for the following appropriations were placed in our budget estimate for the year 1932:

1. Sidewalks and roads at main hospital grounds	\$1,000.
2. Changing locks at main hospital	200.
3. Floor polishers at main hospital	300.
4. Linoleum — main hospital — homes	2,000.
5. Potato peeler — main hospital — kitchen	300.
6. Coffee Urns repaired — main hospital — kitchen	350.
7. Ceilings — main hospital — wards.	500.
8. Improvement to heating system — main hospital	300.
9. Raising roof of recreation building — main hospital	250.
10. Refrigerators — Borden Colony and Lovering Colony	2,400.
11. Elevator — hand operated — Brown Infirmary	600.

Underground conduit for telephone and fire alarm, main hospital —	
front gate	400.00
Vacuum Pump — main hospital — power plant	400.00
Total	\$9,000.00

REPAIRS ORDINARY

The usual sum of \$15,000 was appropriated under this heading last year. Our mechanics together with a great many patients, have worked diligently and it can safely be said that repairs are much ahead of last year. Greater care is being given to small repairs and an extensive painting program as carried out in previous years is reducing the everlasting paint problem. The greenhouse which was in very bad shape, has been thoroughly repaired, many sidewalks have been renewed, adequate electric fixtures have been replaced in great numbers, needed repairs have been made to the mechanical equipment in the engine and boiler rooms.

ACKNOWLEDGEMENTS

I extend my thanks to the Board of Trustees for their willingness to help, their continued interest, their support and the pleasure of being associated with them in this work.

I wish to express to the hospital personnel, my gratitude for continued loyalty, best effort and efficiency in their respective positions.

Respectfully submitted,

RALPH M. CHAMBERS, M.D.,

Superintendent.

VALUATION

November 30, 1931

REAL ESTATE

456.88 acres	\$63,000.00
Buildings	1,147,569.35
	<u>\$1,210,569.35</u>

PERSONAL PROPERTY

Transportation and office expenses	\$5,421.37
Painting and materials	19,099.95
Furniture and household supplies	21,633.47
Medical and general care	130,914.44
Light and power	18,806.80
	3,919.75
	38,966.80
Feed, stables and grounds	6,639.19
Tools	10,124.23
	<u>\$255,526.00</u>

SUMMARY

Real estate	\$1,210,569.35
Personal property	255,526.00
	<u>\$1,466,095.35</u>

FINANCIAL REPORT

Department of Mental Diseases.

I respectfully submit the following report of the finances of this institution for the fiscal year ending November 30, 1931.

CASH ACCOUNT

Receipts

Admission of patients	\$69,545.11
Gift Services:	
Contribution from Board of Retirement	194.69
Transportation and office expenses	\$29.12
Painting and materials	143.75
Furniture and household supplies	152.11
Medical and general care	1.00
Light and power	3.50
	76.55
Feed and calves	242.90
House	20.00
Feed and green bones	30.75

Wagon	1.00	
Garage, stable and grounds	11.42	
Repairs, ordinary	230.67	
Repairs and renewals		
Fire damage	5.00	
Total sales		947
Miscellaneous:		
Rents — garage	700.00	
Interest on bank balances	226.28	
Rent, house and room	485.94	
Sundries	164.20	
Board of employees		1,576.287
Total Income		72,551.

MAINTENANCE

Balance from previous year, brought forward	\$11,998.
Appropriations, current year:	574,920.
Total	\$586,918.
Expenses (as analyzed below)	549,904.
Balance reverting to Treasury of Commonwealth	\$37,013.

Analysis of Expenses

Personal services	\$308,062.
Religious instruction	1,805.
Travel, transportation and office expenses	6,493.
Food	83,426.
Clothing and materials	14,839.
Furnishings and household supplies	27,405.
Medical and general care	18,485.
Heat, light and power	28,535.
Farm	26,387.
Garage, stable and grounds	6,344.
Repairs ordinary	13,399.
Repairs and renewals	14,718.
Total expenses for Maintenance	\$549,904.

SPECIAL APPROPRIATIONS

Balance December 1, 1930	\$47,041.
Appropriations for current year	57,500.
Total	\$104,541.
Expended during the year (see statement below)	\$25,095.41
Reverting to Treasury of Commonwealth	34.69
	25,130.
Balance November 30, 1931, carried to next year	\$79,411.

OBJECT	Act or Resolve	Whole Amount	Expended during Fiscal Year	Total Expended to Date	Balance at End of Year
Ren. of rear of hospital Central bakeshop, dining halls, etc.	127-1928 146-1929	\$253,027.14	\$9,354.52	\$252,992.45	\$34.69
Certain land	127-1928 115-1930	4,000.00	—	3,995.64	4.
Kitchen and cafeteria equipment	146-1929 115-1930	25,000.00	2,803.24	24,918.41	81.
Officer's cottage	115-1930 14-1931	9,000.00	8,892.73	8,892.73	107.
Superintendent's house	115-1930	21,000.00	—	—	21,000.
Remodeling certain spaces	115-1930	6,400.00	1,003.49	1,003.49	5,396.
Garage	115-1930	3,000.00	1,357.13	2,994.32	5.
Purchase sprinklers	245-1931	8,000.00	292.10	292.10	7,707.
Furnishings for officer's cottage.	245-1931	1,500.00	—	—	1,500.
New boilers	245-1931	45,000.00	1,392.20	1,392.20	43,607.
		\$375,927.14	\$25,095.41	\$296,481.34	\$79,445.

Balance reverting to Treasury of the Commonwealth during year (mark item with *)	34.
Balance carried to next year	79,411.
Total as above	\$79,445.

PER CAPITA

During the year the average number of inmates has been 1,498.65.
 Total cost of maintenance, \$549,904.88.
 Equal to a weekly per capita cost of \$7.0564.
 Receipt from sales, \$947.77.
 Equal to a weekly per capita of \$.0122.
 All other institution receipts, \$71,604.03.
 Equal to a weekly per capita of \$.9188.
 Net weekly per capita \$6.1254.

Respectfully submitted,

YVONNE B. PATENAUDE, *Treasurer.*

STATISTICAL TABLES

AS ADOPTED BY THE AMERICAN PSYCHIATRIC ASSOCIATION PRESCRIBED BY THE
 MASSACHUSETTS DEPARTMENT OF MENTAL DISEASES

TABLE 1. *General Information*

Data correct at end of hospital year, November 30, 1931

1. Date of opening as a hospital for mental diseases, 1854.

2. Type of hospital: State.

3. Hospital plant:

Value of hospital property:

Real estate, including buildings	\$1,210,569.35
Personal property	255,526.00

Total.

	\$1,466,095.35
--	----------------

Total acreage of hospital property owned, 456.88 rds.

Total acreage under cultivation during previous year, 302.

4. Officers and Employees

	Actually in Service at End of Year			Vacancies at End of Year		
	M.	F.	T.	M.	F.	T.
Superintendents	1	—	1	—	—	—
Assistant physicians	7	1	8	Asst. Super. 1	—	1
Total physicians	8	1	9	1	—	1
Stewards	1	—	1	—	—	—
Resident dentists	1	—	1	—	—	—
Pharmacists	—	1	1	—	—	—
Graduate nurses	4	19	23	—	—	—
Other nurses and attendants	77	67	144	6	6	12
Occupational therapists	—	3	3	—	—	—
Social workers	—	3	3	—	—	—
All other officers and employees	62	55	117	1	5	6
Total officers and employees	153	149	302	8	11	19

NOTE: — The following items, 5-10 inclusive, are for the year ended September 30, 1931.

5. Census of patient population at end of year:

	Actually in Hospital			Absent from Hospital but Still on Books		
	M.	F.	T.	M.	F.	T.
White:						
Insane	725	757	1,482	83	115	198
Mental defectives	—	1	1	—	—	—
All other cases	4	1	5	—	1	1
Total	729	759	1,488	83	116	199
Other Races:						
Insane	18	15	33	3	1	4
Total	18	15	33	3	1	4
Grand Total	747	774	1,521	86	117	203

	M.	F.	T.
Patients under treatment in occupational-therapy classes, including physical training, on date of report	90	189	279
Other patients employed in general work of hospital on date of report	449	474	923
Average daily number of all patients actually in hospital during year	733.9956	757.9980	1,491.9936
Voluntary patients admitted during year	10	6	16
Persons given advice or treatment in out-patient clinics during year	176	169	345

TABLE 2. *Financial Statement*

See Treasurer's report for data requested under this table.

NOTE: The following tables 3-19, inclusive, are for the Statistical year ended September 30, 1931.

TABLE 3. *Movement of Patient Population*

	REGULAR COURT COMMITMENT (INSANE)		VOLUNTARY		TEMPORARY CARE		OBSERVATION		TOTAL ON BOOKS	
	M.	F.	T.	M.	F.	T.	M.	F.	T.	
Patients on books of Institution September 30, 1930	838	885	1,723	3	1	4	-	-	-	
Admissions during year:										
First Admissions	169	176	345	4	3	7	18	8	26	
Readmissions	46	54	100	6	3	9	4	3	7	
Transfers from other hospitals for mental diseases	6	7	13	-	-	-	-	-	-	
Total received during year	221	237	458	10	6	16	22	11	33	
Total on books during year	1,059	1,122	2,181	13	7	20	22	11	33	
Discharged from books during year:										
As recovered	22	39	61	2	3	5	7	4	11	
As improved	67	66	133	3	-	3	2	2	4	
As unimproved	2	11	13	-	-	-	5	1	6	
As without psychosis	1	-	1	4	3	7	7	1	8	
Transferred to other hospitals for mental diseases	40	41	81	-	-	-	-	-	-	
Died during year	104	79	183	-	-	-	-	3	3	
Total discharged, transferred and died during year	236	236	472	9	6	15	21	11	32	
Insane patients remaining on books of hospital at end of hospital year:										
In hospital	737	770	1,507	4	1	5	1	-	1	
On parole or otherwise absent	86	116	202	-	-	-	-	-	-	
Total	823	886	1,709	4	1	5	1	-	1	
							5	4	9	
							833	891	1,724	

TABLE 4. *Nativity of First Admissions and of Parents of First Admissions*

NATIVITY	PATIENTS			PARENTS OF MALE PATIENTS			PARENTS OF FEMALE PATIENTS		
	M.	F.	T.	Fathers	Mothers	Both Parents	Fathers	Mothers	Both Parents
United States	100	99	199	51	48	43	47	47	36
Austria	—	1	1	1	—	—	1	1	1
Belgium	1	—	1	1	1	1	—	—	—
Canada	20	15	35	28	30	26	22	22	17
Danish	1	—	1	1	1	1	—	—	—
Denmark	—	1	1	—	—	—	—	—	—
England	7	17	24	16	16	11	21	18	16
Ireland	1	1	2	1	1	1	1	1	1
France	1	—	1	—	1	—	3	3	2
Germany	1	—	1	2	1	1	2	1	1
Holland	—	—	—	—	—	—	1	—	—
India	2	8	10	19	18	16	24	26	21
Italy	4	3	7	5	5	5	5	5	5
Japan	—	4	4	2	2	2	5	4	4
Porto Rico	1	—	1	—	—	—	—	—	—
Portugal	21	17	38	27	26	26	24	23	23
Russia	—	1	1	—	—	—	1	1	1
Scotland	3	4	7	3	5	3	6	6	5
South America	1	—	1	—	—	—	—	—	—
Sweden	3	2	5	6	6	6	2	2	2
Switzerland	—	1	1	—	—	—	—	1	—
Key in Asia	1	—	1	1	1	1	—	—	—
Key in Europe	1	1	2	1	1	1	1	1	1
Islands	—	—	—	—	1	—	—	—	—
Other countries	—	1	1	—	1	—	1	2	1
Unascertained	—	—	—	4	4	4	9	12	6
Total	169	176	345	169	169	148	176	176	143

Includes Newfoundland .

TABLE 4-A. Age of First Admissions Classified with Reference to Nativity, and Length of Residence in the United States of the Foreign Born.

AGE GROUPS	AGGREGATE			NATIVE BORN				FOREIGN BORN				
	Total			PARENTAGE			Total	TIME IN UNITED STATES BEFORE ADMISSION				
				Native	Foreign	Mixed		Unascertained	Under 5 years	5-9 years	10-14 years	15 years and over
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Under 15 years	—	—	—	—	—	—	—	—	—	—	—	—
15-19 years	13	8	21	4	4	8	3	6	9	1	1	2
20-24 years	11	11	22	4	2	6	5	4	9	—	—	—
25-29 years	7	7	14	3	3	6	4	1	1	—	—	—
30-34 years	15	13	28	4	2	6	—	1	1	—	—	—
35-39 years	12	8	20	4	2	6	3	2	5	7	8	15
40-44 years	12	17	29	2	3	5	3	6	9	4	12	20
45-49 years	15	20	35	—	2	2	—	1	1	2	10	16
50-54 years	11	13	24	3	6	9	—	2	2	—	7	9
55-59 years	16	17	33	1	2	3	1	2	3	—	4	6
60-64 years	13	15	28	4	5	9	—	2	2	—	9	10
65-69 years	8	9	17	4	4	8	1	3	4	—	8	6
70 years and over	36	29	65	—	1	1	2	3	5	—	6	3
	24	15	39	14	8	22	7	1	8	—	12	14
Total	169	176	345	43	36	79	37	32	69	16	25	41
	100	99	199	43	36	79	16	25	41	4	6	10

TABLE 5. *Citizenship of First Admissions*

	Males	Females	Total
zens by birth	100	99	199
zens by naturalization	26	28	54
ns	39	36	75
zenship unascertained	4	13	17
Total	169	176	345

TABLE 6. *Psychoses of First Admissions*

PSYCHOSES	M.	F.	T.	M.	F.	T.
Traumatic psychoses				2	—	2
Senile psychoses				23	22	45
Psychoses with cerebral arteriosclerosis				34	25	59
General paralysis				16	2	18
Psychoses with cerebral syphilis				1	1	2
Psychoses with Huntington's chorea				—	—	—
Psychoses with brain tumor				—	1	1
Psychoses with other brain or nervous diseases, total				2	2	4
Meningitis, tubercular or other forms	1	—	1			
Multiple sclerosis	1	—	1			
Other diseases	—	2	2			
Alcoholic psychoses, total				18	3	21
Delirium tremens	1	1	2			
Korsakow's psychosis	5	—	5			
Acute hallucinosis	6	1	7			
Other types, acute or chronic	6	1	7			
Psychoses due to drugs and other exogenous toxins, total				—	1	1
Other exogenous toxins	—	1	1			
Psychoses with pellagra				1	—	1
Psychoses with other somatic diseases, total				5	9	14
Exhaustion delirium	—	1	1			
Cardio-renal diseases	3	—	3			
Other diseases or conditions	2	8	10			
Manic-depressive psychoses, total				11	17	28
Manic type	2	11	13			
Depressive type	8	5	13			
Other types	1	1	2			
Involution melancholia				4	14	18
Dementia praecox (schizophrenia)				42	52	94
Paranoia and paranoid conditions				1	17	18
Epileptic psychoses				1	3	4
Psychoneuroses and neuroses, total				1	1	2
Psychasthenic type (anxiety and obsessive forms)	1	—	1			
Neurasthenic type	—	1	1			
Psychoses with psychopathic personality				1	—	1
Psychoses with mental deficiency				5	5	10
Undiagnosed psychoses				—	1	1
Without psychosis, total: others				1	—	1
Total				169	176	345

TABLE 7. Race of First Admissions Classified with Reference to Principal Psychoses

RACE	Total			Traumatic			Senile			With cerebral arterio-sclerosis			General paralysis	
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.
African (black)	—	2	2	—	—	—	—	—	—	—	—	—	—	1
Chinese	1	—	1	—	—	—	—	—	—	—	—	—	—	—
East Indian	—	1	1	—	—	—	—	—	—	—	—	—	—	—
English	62	59	121	—	—	—	9	10	19	14	11	25	3	—
Finnish	1	1	2	—	—	—	—	—	—	—	—	—	—	—
French	25	20	45	—	—	—	1	2	3	8	5	13	1	—
German	1	1	2	—	—	—	—	—	—	1	—	1	—	—
Hebrew	—	—	1	—	—	—	—	—	—	—	—	—	—	—
Irish	22	28	50	—	—	—	6	5	11	3	3	6	1	—
Italian ¹	5	5	10	—	—	—	1	1	2	1	—	1	1	—
Pacific Islander	1	—	1	—	—	—	—	—	—	—	—	—	—	—
Portuguese	26	24	50	—	—	—	3	—	3	2	1	3	6	1
Scandinavian ²	5	3	8	1	—	1	—	—	—	—	—	—	1	—
Scotch	3	6	9	—	—	—	1	1	2	1	—	1	—	—
Slavonic ³	2	6	8	—	—	—	—	—	—	—	—	—	—	—
Syrian	—	1	1	—	—	—	—	—	—	—	—	—	—	—
Turkish	2	1	3	—	—	—	1	—	1	—	—	—	—	—
Other specific races	1	—	1	—	—	—	—	—	—	1	—	1	—	—
Mixed	12	16	28	1	—	1	1	3	4	3	4	7	3	—
Race unascertained	—	1	1	—	—	—	—	—	—	—	1	1	—	—
Total	169	176	345	2	—	2	23	22	45	34	25	59	16	2

TABLE 7. Race of First Admissions Classified with Reference to Principal Psychoses — Continued

RACE	With cerebral syphilis			With brain tumor			With other brain or nervous diseases			Alcoholic			Due to drugs and other exogenous toxins	
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.
African (black)	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Chinese	—	—	—	—	—	—	—	—	—	—	—	—	—	—
East Indian	—	—	—	—	—	—	—	—	—	—	—	—	—	—
English	—	—	—	—	—	—	1	1	2	3	1	4	—	1
Finnish	—	—	—	—	—	—	—	—	—	—	—	—	—	—
French	—	1	1	—	—	—	—	—	—	8	—	8	—	—
German	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hebrew	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Irish	—	—	—	—	—	—	—	1	1	3	1	4	—	—
Italian ¹	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pacific Islander	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Portuguese	1	—	1	—	—	—	1	—	1	2	—	2	—	—
Scandinavian ²	—	—	—	—	—	—	—	—	—	1	—	1	—	—
Scotch	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Slavonic ³	—	—	—	—	—	—	—	—	—	—	1	1	—	—
Syrian	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Turkish	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other specific races	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mixed	—	—	—	—	1	1	—	—	—	1	—	1	—	—
Race unascertained	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	1	1	2	—	1	1	2	2	4	18	3	21	—	1

¹Includes "North" and "South."

²Norwegians, Danes and Swedes.

³Includes Bohemian, Bosnian, Croatian, Dalmatian, Herzegovinian, Montenegrin, Moravian, Polish, Russian, Ruthenian, Servian, Slovak, Slovenian.

TABLE 7. *Race of First Admissions Classified with Reference to Principal Psychoses — Continued*

RACE	With pellagra			With other somatic diseases			Manic-depressive			Involution melancholia			Dementia praecox			Paranoia and paranoid conditions		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Can (black)	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-
ese	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-
Indian	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
h	-	-	-	2	4	6	6	3	9	2	5	7	18	15	33	-	5	5
h	-	-	-	-	-	-	-	-	-	-	-	-	1	1	2	-	-	-
h	-	-	-	2	1	3	-	3	3	-	1	1	3	7	10	1	-	1
nan	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-
rev	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-
an ¹	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-
fic Islander	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
uguese	1	-	1	-	2	2	3	3	6	-	1	1	6	13	19	-	3	3
dnavian ²	-	-	-	-	-	-	-	1	1	-	1	1	2	1	3	-	-	-
h	-	-	-	1	1	2	-	-	-	-	2	2	-	-	-	-	2	2
onic ³	-	-	-	-	-	-	-	2	2	-	1	1	1	-	1	-	2	2
an	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-
ish	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	1	1
er specific races	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ed	-	-	-	-	-	-	1	1	2	-	1	1	2	2	4	-	-	-
e unascertained	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	1	-	1	5	9	14	11	17	28	4	14	18	42	52	94	1	17	18

TABLE 7. *Race of First Admissions Classified with Reference to Principal Psychoses — Concluded*

RACE	Epileptic psychoses			Psycho-neuroses and neuroses			With psychopathic personality			With mental deficiency			Undiagnosed psychoses			Without psychoses		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
an (black)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ese	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indian	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
h	-	2	2	-	-	-	1	-	1	2	1	3	-	-	-	1	-	1
h	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
h	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-
an	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ew	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
n ¹	1	-	1	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-
ic Islander	-	-	-	-	-	-	-	-	-	1	1	1	-	1	1	-	-	-
uguese	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
dnavian ²	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
h	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
nic ³	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-
an	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
h	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
specific races	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ascertained	-	1	1	-	-	-	-	-	-	-	3	3	-	-	-	-	-	-
Total	1	3	4	1	1	2	1	-	1	5	5	10	-	1	1	1	-	1

Includes "North" and "South."

Norwegians, Danes, and Swedes.

Includes Bohemian, Bosnian, Croatian, Dalmatian, Herzegovinian, Montenegrin, Moravian, Polish, Ruthenian, Servian, Slovak, Slovenian.

TABLE 8. *Age of First Admissions Classified with Reference to Principal Psychoses*

PSYCHOSES	Total			Under 15 years			15-19 years			20-24 years			25-29 years	
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.
1. Traumatic	2	—	2	—	—	—	—	—	—	—	—	—	—	—
2. Senile	23	22	45	—	—	—	—	—	—	—	—	—	—	—
3. With cerebral arteriosclerosis	34	25	59	—	—	—	—	—	—	—	—	—	—	—
4. General paralysis	16	2	18	—	—	—	—	—	—	—	—	—	—	—
5. With cerebral syphilis	1	1	2	—	—	—	—	—	—	—	—	—	—	—
6. With Huntington's chorea	—	—	—	—	—	—	—	—	—	—	—	—	—	—
7. With brain tumor	—	1	1	—	—	—	—	—	—	—	—	—	—	—
8. With other brain or nervous diseases	2	2	4	—	—	—	—	—	—	—	1	1	—	—
9. Alcoholic	18	3	21	—	—	—	—	—	—	—	—	—	1	—
10. Due to drugs and other exogenous toxins	—	1	1	—	—	—	—	—	—	—	—	—	—	—
11. With pellagra	1	—	1	—	—	—	—	—	—	—	—	—	—	—
12. With other somatic diseases	5	9	14	—	—	—	—	1	1	—	—	—	—	1
13. Manic-depressive	11	17	28	—	—	—	—	2	2	—	1	1	—	—
14. Involution melancholia	4	14	18	—	—	—	—	—	—	—	—	—	—	—
15. Dementia praecox	42	52	94	—	—	—	10	4	14	10	8	18	5	6
16. Paranoia and paranoid conditions	1	17	18	—	—	—	—	—	—	—	—	—	—	—
17. Epileptic psychoses	1	3	4	—	—	—	—	—	—	—	—	—	—	—
18. Psychoneuroses and neuroses	1	1	2	—	—	—	—	—	—	—	—	—	—	—
19. With psychopathic personality	1	—	1	—	—	—	1	—	1	—	—	—	—	—
20. With mental deficiency	5	5	10	—	—	—	1	1	2	1	1	2	1	—
21. Undiagnosed psychoses	—	1	1	—	—	—	—	—	—	—	—	—	—	—
22. Without psychoses	1	—	1	—	—	—	1	—	1	—	—	—	—	—
Total	169	176	345	—	—	—	13	8	21	11	11	22	7	7

TABLE 8. *Age of First Admissions Classified with Reference to Principal Psychoses — Continued*

PSYCHOSES	30-34 years			35-39 years			40-44 years			45-49 years			50-54 years	
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.
1. Traumatic	1	—	1	—	—	—	—	—	—	—	—	—	—	—
2. Senile	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3. With cerebral arteriosclerosis	—	—	—	—	—	—	—	—	—	1	2	3	2	1
4. General paralysis	1	—	1	1	—	1	5	—	5	4	2	6	3	—
5. With cerebral syphilis	—	—	—	—	—	—	—	—	—	—	—	—	—	1
6. With Huntington's chorea	—	—	—	—	—	—	—	—	—	—	—	—	—	—
7. With brain tumor	—	—	—	—	1	1	—	—	—	—	—	—	—	—
8. With other brain or nervous diseases	—	—	—	—	—	—	—	1	1	—	—	—	1	—
9. Alcoholic	1	—	1	2	—	2	4	—	4	5	1	6	2	1
10. Due to drugs and other exogenous toxins	—	—	—	—	—	—	—	—	—	—	—	—	—	1
11. With pellagra	—	—	—	—	—	—	—	—	—	—	—	—	—	—
12. With other somatic diseases	—	—	—	—	2	2	—	1	1	—	—	—	2	1
13. Manic-depressive	—	3	3	2	5	7	3	4	7	2	1	3	1	1
14. Involution melancholia	—	—	—	—	1	1	—	2	2	—	1	1	—	1
15. Dementia praecox	8	10	18	7	5	12	—	7	7	2	7	9	—	1
16. Paranoia and paranoid conditions	1	—	1	—	1	1	—	2	2	—	3	3	—	3
17. Epileptic psychoses	1	—	1	—	1	1	—	—	—	—	1	1	—	1
18. Psychoneuroses and neuroses	1	—	1	—	—	—	—	—	—	—	—	—	—	1
19. With psychopathic personality	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20. With mental deficiency	1	—	1	—	1	1	—	—	—	1	1	2	—	—
21. Undiagnosed psychoses	—	—	—	—	—	—	—	—	—	—	1	1	—	—
22. Without psychosis	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	15	13	28	12	17	29	12	17	29	15	20	35	11	13

TABLE 8. *Age of First Admissions Classified with Reference to Principal Psychoses — Concluded*

PSYCHOSES	55-59 years			60-64 years			65-69 years			70 years and over		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Traumatic	—	—	—	—	—	—	1	—	1	—	—	—
Senile	—	3	3	1	1	2	2	—	2	20	18	38
With cerebral arteriosclerosis	8	1	9	4	5	9	3	5	8	16	11	27
General paralysis	1	—	1	1	—	1	—	—	—	—	—	—
With cerebral syphilis	1	—	1	—	—	—	—	—	—	—	—	—
With Huntington's chorea	—	—	—	—	—	—	—	—	—	—	—	—
With brain tumor	—	—	—	—	—	—	—	—	—	—	—	—
With other brain or nervous diseases	—	—	—	—	—	—	1	—	1	—	—	—
Alcoholic	—	1	1	2	—	2	1	—	1	—	—	—
Due to drugs and other exogenous toxins	—	—	—	—	—	—	—	—	—	—	—	—
With pellagra	1	—	1	—	—	—	—	—	—	—	—	—
With other somatic diseases	2	1	3	1	1	2	—	1	1	—	—	—
Manic-depressive	—	—	—	3	—	3	—	—	—	—	—	—
Involution melancholia	3	5	8	1	4	5	—	—	—	—	—	—
Dementia praecox	—	2	2	—	2	2	—	—	—	—	—	—
Paranoia and paranoid conditions	—	4	4	—	2	2	—	2	2	—	—	—
Epileptic psychoses	—	—	—	—	—	—	—	—	—	—	—	—
Psychoneuroses and neuroses	—	—	—	—	—	—	—	—	—	—	—	—
With psychopathic personality	—	—	—	—	—	—	—	—	—	—	—	—
With mental deficiency	—	—	—	—	—	—	—	1	1	—	—	—
Undiagnosed psychoses	—	—	—	—	—	—	—	—	—	—	—	—
Without psychosis	—	—	—	—	—	—	—	—	—	—	—	—
Total	16	17	33	13	15	28	8	9	17	36	29	65

TABLE 9. Degree of Education of First Admissions Classified with Reference to Principal Psychoses

PSYCHOSES	Total			Illiterate		Reads and writes ¹		Common School		High School		College		Unascertained
	M.	F.	T.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
1. Traumatic	2	—	2	—	—	1	—	1	—	—	—	—	—	—
2. Senile	23	22	45	2	1	4	2	12	13	—	—	—	—	—
3. With cerebral arteriosclerosis	34	25	59	4	3	4	1	21	17	2	2	1	4	8
4. General paralysis	16	2	18	4	—	2	1	7	38	2	3	—	1	2
5. With cerebral syphilis	1	1	2	1	—	—	—	—	—	2	1	—	1	1
6. With Huntington's chorea	—	—	—	—	—	—	—	—	—	—	—	—	—	—
7. With brain tumor	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8. With other brain or nervous diseases	2	2	4	1	—	—	—	1	1	—	—	—	—	—
9. Alcoholic	18	3	21	2	—	2	2	11	2	2	—	1	—	—
10. Due to drugs and other exogenous toxins	—	1	1	—	—	—	—	—	—	—	—	—	—	—
11. With pellaagra	—	—	—	—	—	—	—	—	—	—	—	—	—	—
12. With other somatic diseases	5	9	14	—	1	1	—	2	7	1	1	—	—	—
13. Manic-depressive	11	17	28	1	2	2	1	6	11	2	3	—	—	—
14. Involution melancholia	4	14	18	—	—	1	1	2	10	1	3	—	—	—
15. Dementia praecox	42	52	94	3	7	2	9	28	23	7	7	2	4	2
16. Paranoia and paranoid conditions	1	17	18	—	1	2	2	1	13	—	—	1	—	—
17. Epileptic psychoses	1	3	4	—	1	—	—	1	2	—	—	—	—	—
18. Psychoneuroses and neuroses	1	1	2	—	—	—	—	—	1	—	—	—	—	—
19. With psychopathic personality	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20. With mental deficiency	5	5	10	2	—	—	—	1	3	—	—	—	—	1
21. Undiagnosed psychoses	—	1	1	—	1	—	1	—	—	—	—	—	—	—
22. Without psychosis	1	—	1	—	—	—	—	—	—	—	—	—	—	—
Total	169	176	345	20	17	19	20	99	106	19	20	6	5	6 8 14

¹Includes those who did not complete fourth grade in school.

TABLE 10. *Environment of First Admissions Classified with Reference to Principal Psychoses*

PSYCHOSES	Total			Urban			Rural		
	M.	F.	T.	M.	F.	T.	M.	F.	T.
Automatic	2	—	2	2	—	2	—	—	—
Epilepsy	23	22	45	21	21	42	2	1	3
With cerebral arteriosclerosis	34	25	59	30	22	52	4	3	7
General paralysis	16	2	18	14	2	16	2	—	2
With cerebral syphilis	1	1	2	1	1	2	—	—	—
With Huntington's chorea	—	—	—	—	—	—	—	—	—
With brain tumor	—	1	1	—	1	1	—	—	—
With other brain or nervous diseases	2	2	4	2	2	4	—	—	—
Alcoholic	18	3	21	15	3	18	3	—	3
Due to drugs and other exogenous toxins	—	1	1	—	1	1	—	—	—
With pellagra	1	—	1	1	—	1	—	—	—
With other somatic diseases	5	9	14	5	8	13	—	1	1
Bipolar manic-depressive	11	17	28	11	15	26	—	2	2
Evolution melancholia	4	14	18	4	12	16	—	2	2
Dementia praecox	42	52	94	38	48	86	4	4	8
Mania and paranoid conditions	1	17	18	1	14	15	—	3	3
Epileptic psychoses	1	3	4	1	3	4	—	—	—
Psychoneuroses and neuroses	1	1	2	1	1	2	—	—	—
With psychopathic personality	1	—	1	1	—	1	—	—	—
With mental deficiency	5	5	10	5	5	10	—	—	—
Undiagnosed psychoses	—	1	1	—	1	1	—	—	—
Without psychosis	1	—	1	1	—	1	—	—	—
Total	169	176	345	154	160	314	15	16	31

TABLE 11. *Economic Condition of First Admissions Classified with Reference to Principal Psychoses*

PSYCHOSES	Total			Dependent			Marginal			Comfortable			Unascertained		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Automatic	2	—	2	—	—	—	2	—	2	—	—	—	—	—	—
Epilepsy	23	22	45	21	8	29	2	13	15	—	—	—	—	1	1
With cerebral arteriosclerosis	34	25	59	18	6	24	15	18	33	1	1	2	—	—	—
General paralysis	16	2	18	7	—	7	9	2	11	—	—	—	—	—	—
With cerebral syphilis	1	1	2	1	—	1	—	1	1	—	—	—	—	—	—
With Huntington's chorea	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
With brain tumor	—	1	1	—	—	—	—	1	1	—	—	—	—	—	—
With other brain or nervous diseases	2	2	4	2	1	3	—	1	1	—	—	—	—	—	—
Alcoholic	18	3	21	5	1	6	13	2	15	—	—	—	—	—	—
Due to drugs and other exogenous toxins	—	1	1	—	—	—	—	1	1	—	—	—	—	—	—
With pellagra	1	—	1	1	—	1	—	—	—	—	—	—	—	—	—
With other somatic diseases	5	9	14	3	1	4	2	8	10	—	—	—	—	—	—
Bipolar manic-depressive	11	17	28	2	4	6	9	13	22	—	—	—	—	—	—
Evolution melancholia	4	14	18	1	1	2	3	13	16	—	—	—	—	—	—
Dementia praecox	42	52	94	21	11	32	20	40	60	—	1	1	1	—	1
Mania and paranoid conditions	1	17	18	—	1	1	1	16	17	—	—	—	—	—	—
Epileptic psychoses	1	3	4	1	2	3	—	1	1	—	—	—	—	—	—
Psychoneuroses and neuroses	1	1	2	—	—	—	1	1	2	—	—	—	—	—	—
With psychopathic personality	1	—	1	—	—	—	1	—	1	—	—	—	—	—	—
With mental deficiency	5	5	10	3	2	5	2	3	5	—	—	—	—	—	—
Undiagnosed psychoses	—	1	1	—	—	—	—	1	1	—	—	—	—	—	—
Without psychosis	1	—	1	—	—	—	1	—	1	—	—	—	—	—	—
Total	169	176	345	86	38	124	81	135	216	1	2	3	1	1	2

TABLE 12. *Use of Alcohol by First Admissions Classified with Reference to Principal Psychoses*

PSYCHOSES	Total			Abstinent			Temperate			Intemperate			Unstained
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	
1. Traumatic	2	—	2	—	—	—	1	—	1	1	—	1	—
2. Senile	23	22	45	10	17	27	8	4	12	4	—	4	1 1
3. With cerebral arterio-sclerosis	34	25	59	16	20	36	16	2	18	2	3	5	—
4. General paralysis	16	2	18	7	1	8	4	—	4	5	1	6	—
5. With cerebral syphilis	1	1	2	1	1	2	—	—	—	—	—	—	—
6. With Huntington's chorea	—	—	—	—	—	—	—	—	—	—	—	—	—
7. With brain tumor	—	1	1	—	1	1	—	—	—	—	—	—	—
8. With other brain or nervous diseases	2	2	4	—	2	2	2	—	2	—	—	—	—
9. Alcoholic	18	3	21	—	—	—	—	—	—	18	3	21	—
10. Due to drugs and other exogenous toxins	—	1	1	—	—	—	—	1	1	—	—	—	—
11. With pellagra	1	—	1	1	—	1	—	—	—	—	—	—	—
12. With other somatic diseases	5	9	14	1	9	10	1	—	1	3	—	3	—
13. Manic-depressive	11	17	28	7	17	24	3	—	3	1	—	1	—
14. Involution melancholia	4	14	18	1	14	15	2	—	2	1	—	1	—
15. Dementia praecox	42	52	94	32	48	80	8	4	12	2	—	2	—
16. Paranoia and paranoid conditions	1	17	18	—	16	16	1	1	2	—	—	—	—
17. Epileptic psychoses	1	3	4	1	3	4	—	—	—	—	—	—	—
18. Psychoneuroses and neuroses	1	1	2	1	1	2	—	—	—	—	—	—	—
19. With psychopathic personality	1	—	1	—	—	—	1	—	1	—	—	—	—
20. With mental deficiency	5	5	10	5	4	9	—	1	1	—	—	—	—
21. Undiagnosed psychoses	—	1	1	—	—	—	—	1	1	—	—	—	—
22. Without psychosis	1	—	1	—	—	—	1	—	1	—	—	—	—
Total	169	176	345	83	154	237	48	14	62	37	7	44	1 1

TABLE 13. Marital Condition of First Admissions Classified with Reference to Principal Psychoses

PSYCHOSES	Total			Single		Married		Widowed		Separated		Divorced	
	M.		T.	M. F.		M. F.		M. F.		M. F.		M. F.	
	F.	T.		T.	T.	T.	T.	T.	T.	T.	T.	T.	T.
1. Traumatic	2	2		—	—	1	—	1	—	—	—	—	—
2. Senile	23	45		7	10	5	10	11	13	—	—	—	—
3. With cerebral arteriosclerosis	34	59		4	4	18	29	10	14	1	—	1	1
4. General paralysis	16	18		2	2	12	14	1	1	1	—	—	—
5. With cerebral syphilis	1	2		—	—	1	2	—	—	—	—	—	—
6. With Huntington's Chorea	—	—		—	—	—	—	—	—	—	—	—	—
7. With brain tumor	—	1		—	—	—	—	—	—	—	—	—	—
8. With other brain or nervous diseases	2	4		—	1	1	1	1	—	—	—	—	—
9. Alcoholic	18	21		7	7	10	11	1	2	—	—	—	—
10. Due to drugs and other exogenous toxins	—	1		—	—	—	—	—	—	—	—	—	—
11. With pellagra	—	1		—	—	—	—	—	—	—	—	—	—
12. With other somatic diseases	5	9		2	2	4	7	1	—	—	—	—	—
13. Manic-depressive	11	17		2	4	9	12	1	—	—	—	—	—
14. Involution melancholia	4	14		1	4	2	8	1	2	—	—	1	1
15. Dementia praecox	42	94		32	26	9	24	2	2	—	—	1	—
16. Paranoia and paranoid conditions	1	17		1	1	—	12	—	2	—	—	2	2
17. Epileptic psychoses	1	3		1	2	—	1	—	—	—	—	—	—
18. Psychoneuroses and neuroses	1	2		1	1	—	—	—	—	—	—	—	—
19. With psychopathic personality	1	1		1	—	—	—	—	—	—	—	—	—
20. With mental deficiency	5	10		4	4	1	—	—	—	—	—	1	1
21. Undiagnosed psychoses	—	1		—	—	—	—	—	—	—	—	—	—
22. Without psychosis	1	1		1	—	—	—	—	—	—	—	—	—
Total	169	345		65	48	73	88	27	35	2	—	2	7
				113	62	161		62		2	—	5	7

TABLE 14. *Psychoses of Readmissions*

PSYCHOSES	Males	Females	T
1. Traumatic psychoses	-	-	-
2. Senile psychoses	-	2	2
3. Psychoses with cerebral arteriosclerosis	3	7	10
4. General paralysis	2	1	3
5. Psychoses with cerebral syphilis	-	-	-
6. Psychoses with Huntington's chorea	-	-	-
7. Psychoses with brain tumor	-	-	-
8. Psychoses with other brain or nervous diseases	-	-	-
9. Alcoholic psychoses	4	-	4
10. Psychoses due to drugs and other exogenous toxins	-	-	-
11. Psychoses with pellagra	-	-	-
12. Psychoses with other somatic diseases	-	1	1
13. Manic-depressive psychoses	13	14	27
14. Involution melancholia	2	2	4
15. Dementia praecox	19	19	38
16. Paranoia and paranoid conditions	2	-	2
17. Epileptic psychoses	-	2	2
18. Psychoneuroses and neuroses	-	1	1
19. Psychoses with psychopathic personality	-	1	1
20. Psychoses with mental deficiency	1	3	4
21. Undiagnosed psychoses	-	1	1
22. Without psychoses	-	-	-
Total	46	54	100

TABLE 15. *Discharges of Patients Classified with Reference to Principal Psychosis and Condition on Discharge*

PSYCHOSES	Total			Recovered			Improved			Unimproved	
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.
1. Traumatic	1	-	1	-	-	-	1	-	1	-	-
2. Senile	1	2	3	-	-	-	1	1	2	-	1
3. With cerebral arteriosclerosis	7	12	19	1	1	2	5	10	15	1	1
4. General paralysis	6	1	7	-	-	-	6	-	6	-	-
5. With cerebral syphilis	-	-	-	-	-	-	-	-	-	-	-
6. With Huntington's chorea	-	-	-	-	-	-	-	-	-	-	-
7. With brain tumor	-	-	-	-	-	-	-	-	-	-	-
8. With other brain or nervous diseases	2	1	3	-	1	1	2	-	2	-	-
9. Alcoholic	20	4	24	6	2	8	14	2	16	-	-
10. Due to drugs and other exogenous toxins	-	-	-	-	-	-	-	-	-	-	-
11. With pellagra	-	-	-	-	-	-	-	-	-	-	-
12. With other somatic diseases	-	4	4	-	3	3	-	1	1	-	-
13. Manic-depressive	13	19	32	7	16	23	6	3	9	-	-
14. Involution melancholia	4	9	13	2	5	7	1	3	4	1	1
15. Dementia praecox	31	51	82	5	9	14	26	37	63	-	5
16. Paranoia and paranoid conditions	2	7	9	-	1	1	2	4	6	-	2
17. Epileptic psychoses	1	-	1	-	-	-	1	-	1	-	-
18. Psychoneuroses and neuroses	1	3	4	-	-	-	1	3	4	-	-
19. With psychopathic personality	1	1	2	1	1	2	-	-	-	-	-
20. With mental deficiency	1	2	3	-	-	-	1	2	3	-	-
21. Undiagnosed psychoses	-	-	-	-	-	-	-	-	-	-	-
22. Without psychosis	1	-	1	-	-	-	-	-	-	-	-
Total	92	116	208	22	39	61	67	66	133	2	11

CAUSES OF DEATH	Total			Senile		With cerebral arterio-sclerosis		General paralysis		Alcoholic		Manic-depressive
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
<i>Epidemic, Endemic and Infectious Diseases</i>												
Tuberculosis of the respiratory system	6	5	11	—	—	—	—	—	—	1	—	—
Syphilis (non-nervous forms)	—	—	1	—	—	—	—	—	—	—	1	—
Furulent infection, septicaemia	—	—	2	—	—	—	—	—	—	—	1	—
<i>General Diseases not Included in Class I</i>												
Cancer and other malignant tumors	2	2	4	—	1	1	1	—	—	—	—	—
Tumors (non-cancerous)	—	2	2	—	—	—	—	—	—	—	—	—
Pellagra	1	—	1	—	—	—	—	—	—	—	—	—
Alcoholism (acute or chronic)	1	—	1	—	—	—	—	—	—	1	—	—
Other general diseases	5	3	8	—	1	1	1	—	—	—	—	—
<i>Diseases of the Nervous System</i>												
Cerebral hemorrhage, apoplexy	2	1	3	—	—	—	1	—	—	—	—	1
General paralysis of the insane	18	2	20	—	—	—	—	18	2	20	—	—
Epilepsy	—	—	1	—	—	—	—	—	—	—	—	—
Other diseases of the nervous system	—	1	1	—	1	1	—	—	—	—	—	—
<i>Diseases of the Circulatory System</i>												
Pericarditis	1	—	1	—	—	—	—	—	—	—	—	—
Endocarditis and myocarditis	23	19	42	8	4	12	11	9	20	—	1	—
Arteriosclerosis	14	3	17	3	—	3	7	1	8	1	1	—
Other diseases of the circulatory system	1	2	3	—	—	—	—	—	—	—	—	—
<i>Diseases of the Respiratory System</i>												
Bronchopneumonia	18	26	44	7	16	23	5	10	15	3	—	2
Lobar pneumonia	3	—	3	1	—	1	—	—	—	1	—	—
<i>Diseases of the Digestive System</i>												
Diseases of the pharynx and tonsils	—	1	1	—	—	—	—	—	—	—	—	—
Diarrhea and enteritis	—	1	1	—	—	—	—	—	—	—	—	—
Other diseases of digestive system (cancer and tuberculosis excepted)	—	1	1	—	—	—	—	—	—	—	—	—
<i>Non-Veneral Diseases of Genito-Urinary System and Annexa</i>												
Nephritis	3	1	4	1	—	1	1	1	2	—	—	—
Other diseases of kidneys and annexa	—	1	1	—	—	—	—	—	—	—	—	—
Diseases of prostate	1	—	1	—	—	—	1	—	1	—	—	—
<i>Diseases of the Skin and of the Cellular Tissue</i>												
Other diseases of skin and annexa	2	—	2	—	—	—	—	—	—	—	—	2
<i>External Causes</i>												
Suicide	1	—	1	—	—	—	—	—	—	—	—	—
Accidental traumatism	1	4	5	1	2	3	—	1	—	—	—	—
Other external causes	1	—	1	—	—	—	—	—	—	—	—	—
Total	104	79	183	21	25	46	28	25	53	8	2	10
							19	2	21			
							5	4	9			

TABLE 16. Causes of Death of Patients Classified with Reference to Principal Psychoses — Concluded.

CAUSES OF DEATH	Involution melancholia			Dementia praecox			Paranoia and paranoid conditions			Epileptic psychoses			Psycho-neuroses and neuroses			With mental deficiency			All other psychoses	
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.		
<i>Epidemic, Endemic and Infectious Diseases</i> Tuberculosis of the respiratory system Syphilis (non-nervous forms) Purulent infection, septicaemia <i>General Diseases not Included in Class I</i> Cancer and other malignant tumors Tumor (non-cancerous) Pellagra Alcoholism (acute or chronic) Other general diseases <i>Diseases of Nervous System</i> Cerebral hemorrhage, apoplexy General paralysis of the insane Epilepsy Other diseases of the nervous system <i>Diseases of the Circulatory System</i> Pericarditis Endocarditis and myocarditis Arteriosclerosis Other diseases of the circulatory system <i>Diseases of the Respiratory System</i> Bronchopneumonia Lobar pneumonia <i>Diseases of the Digestive System</i> Diseases of the pharynx and tonsils Diarrhea and enteritis Other diseases of digestive system (cancer and tuberculosis excepted) <i>Non-Veneral Diseases of Genito-Urinary System and Annera</i> Nephritis Other diseases of kidneys and annexa Diseases of prostate <i>Diseases of the Sktn and of the Cellular Tissue</i> Other diseases of skin and annexa <i>External Causes</i> Suicide Accidental traumatism Other external causes Total																				
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.		

TABLE 17. Age of Patients at Time of Death Classified Reference with Principal Psychoses

PSYCHOSES	Total			Under 15 years	15-19 years	20-24 years	25-29 years	30-34 years	35-39 years
	M.	F.	T.						
1. Traumatic	-	-	-	-	-	-	-	-	-
2. Senile	21	25	46	-	-	-	-	-	-
3. With cerebral arteriosclerosis	28	25	53	-	-	-	-	-	-
4. General paralysis	19	2	21	1	-	1	-	-	3
5. With cerebral syphilis	-	-	-	-	-	-	-	-	-
6. With Huntington's chorea	-	-	-	-	-	-	-	-	-
7. With brain tumor	-	1	1	-	-	-	-	-	1
8. With other brain or nervous diseases	3	1	4	-	-	-	-	-	-
9. Alcoholic	8	2	10	-	-	-	-	-	1
10. Due to drugs and other exogenous toxins	-	-	-	-	-	-	-	-	-
11. With pellagra	1	-	1	-	-	-	-	-	-
12. With other somatic diseases	4	2	6	-	-	-	-	-	1
13. Manic-depressive	5	4	9	-	-	-	-	-	2
14. Involution melancholia	1	4	5	-	-	-	-	-	-
15. Dementia praecox	12	9	21	-	-	1	2	-	-
16. Paranoia and paranoid conditions	-	1	1	-	-	-	-	-	-
17. Epileptic psychoses	-	-	-	-	-	-	1	1	-
18. Psychoneuroses and neuroses	-	1	1	-	-	-	-	-	-
19. With psychopathic personality	-	-	-	-	-	-	-	-	-
20. With mental deficiency	1	-	1	-	-	-	-	-	-
21. Undiagnosed psychoses	1	1	2	-	-	-	-	-	-
22. Without psychosis	-	-	-	-	-	-	-	-	-
Total	104	79	183	1	-	2	2	-	5
				1	-	-	1	-	3
				-	-	2	3	-	8

TABLE 17. Age of Patients at Time of Death Classified with Reference to Principal Psychoses — Concluded.

PSYCHOSES	40-44 years		45-49 years		50-54 years		55-59 years		60-64 years		65-69 years		70 years and over	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
1. Traumatic	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2. Senile	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3. With cerebral arteriosclerosis	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4. General paralysis	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5. With cerebral syphilis	7	-	2	-	2	-	3	-	1	-	-	-	-	-
6. With Huntington's chorea	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7. With brain tumor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8. With other brain or nervous diseases	-	-	1	-	1	-	-	-	-	-	1	-	-	-
9. Alcoholic	1	-	-	-	-	-	-	-	-	-	2	-	4	-
10. Due to drugs and other exogenous toxins	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11. With pellagra	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12. With other somatic diseases	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13. Manic-depressive	-	-	1	-	-	-	2	-	1	-	-	-	-	-
14. Involution melancholia	-	-	-	-	-	-	1	-	-	-	-	-	-	-
15. Dementia praecox	-	-	-	-	-	-	1	-	-	-	-	-	-	-
16. Paranoia and paranoid conditions	1	1	1	1	2	2	1	1	-	1	-	3	5	-
17. Epileptic psychoses	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18. Psychoneuroses and neuroses	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19. Wit . psychopathic personality	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20. With mental deficiency	-	-	-	-	-	-	-	-	1	-	-	-	-	-
21. Undiagnosed psychoses	-	-	-	-	-	-	1	-	-	-	-	-	-	-
22. Without psychosis	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	9	1	5	2	6	7	13	8	9	12	12	6	40	39
		10	7	7	13	13	21	21	21	18	18	18	79	79

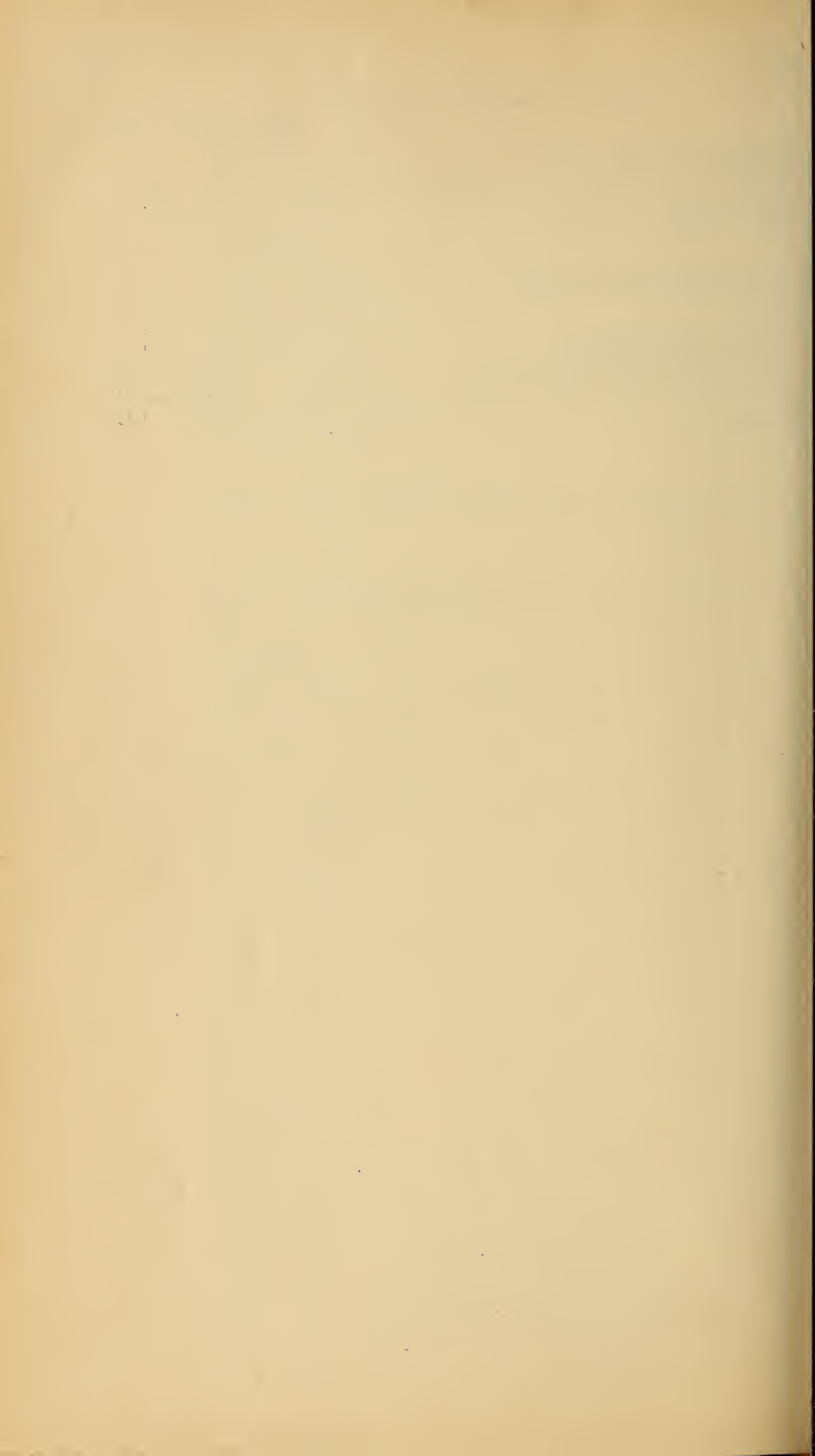
PSYCHOSES	Total			Less than 1 month	1-3 months	4-7 months	8-12 months	1-2 years	3-4 years
	M.	F.	T.						
1. Traumatic	—	—	—	—	—	—	—	—	—
2. Senile	21	25	46	—	5	5	—	—	—
3. With cerebral arteriosclerosis	28	25	53	4	7	3	4	6	4
4. General paralysis	19	2	21	9	10	4	7	9	5
5. With cerebral syphilis	—	—	—	4	2	—	1	4	2
6. With Huntington's chorea	—	—	—	—	—	—	—	—	—
7. With brain tumor	—	1	1	—	—	—	—	—	—
8. With other brain or nervous diseases	3	1	4	—	1	—	—	1	—
9. Alcoholic	8	2	10	1	1	1	—	1	2
10. Due to drugs and other exogenous toxins	—	—	—	—	—	—	—	—	—
11. With pellagra	1	—	1	—	1	—	—	—	—
12. With other somatic diseases	4	2	6	1	2	—	—	—	—
13. Manic-depressive	5	4	9	—	1	1	1	1	2
14. Involution melancholia	1	4	5	—	1	—	—	1	3
15. Dementia praecox	12	9	21	1	1	1	—	3	1
16. Paranoia and paranoid conditions	—	1	1	—	1	—	—	—	2
17. Epileptic psychoses	—	1	1	—	—	—	—	—	3
18. Psychoneuroses and neuroses	—	1	1	—	—	—	—	1	—
19. With psychopathic personality	—	—	—	—	—	—	—	—	—
20. With mental deficiency	1	—	1	—	—	—	—	—	—
21. Undiagnosed psychoses	1	1	2	1	—	—	—	—	—
22. Without psychosis	—	—	—	—	—	—	—	—	—
Total.	104	79	183	21	21	8	11	16	9
				37	30	19	12	31	19

TABLE 18. *Total Duration of Hospital Life of Patients Dying in Hospital Classified According to Principal Psychoses — Concluded*

PSYCHOSES	5-6 years			7-8 years			9-10 years			11-12 years			13-14 years			15-19 years			20 years and over		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2. Senile	1	-	1	1	-	1	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-
3. With cerebral arteriosclerosis	1	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1
4. General paralysis	2	1	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5. With cerebral syphilis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6. With Huntington's chorea	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7. With brain tumor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8. With other brain or nervous diseases	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9. Alcoholic	-	-	-	-	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	2	-
10. Due to drugs and other exogenous toxins	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11. With pellagra	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12. With other somatic diseases	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13. Manic-depressive	1	-	1	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2
14. Involution melancholia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15. Dementia praecox	2	1	3	-	1	1	-	-	-	-	-	-	1	2	3	-	-	-	5	2	7
16. Paranoia and paranoid conditions	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17. Epileptic psychoses	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18. Psychoneuroses and neuroses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19. With psychopathic personality	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20. With mental deficiency	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-
21. Undiagnosed psychoses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22. Without psychosis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	8	3	11	2	3	5	-	2	2	2	-	2	-	2	-	1	2	3	8	4	12

TABLE 19. *Family Care Department*

	Male	Female	Total
Remaining in Family Care, October 1, 1930	—	4	4
Admitted from Family Care, October 1, 1930	—	—	—
Discharged during year	—	2	2
The number of cases within the year	—	6	6
Dismissed within the year	—	1	1
Returned to institution	—	—	—
Recharged	—	—	—
Admitted	—	1	1
Visit	—	—	—
Remaining in Family Care, September 30, 1931	—	5	5
Admitted by the State	—	1	1
Rate	—	—	—
Non-supporting	—	4	4
Number of different persons within the year	—	3	3
Number of different persons dismissed	—	1	1
Number of different persons admitted	—	2	2
Average daily number in Family Care during the year	—	4.8712	4.8712
Admitted by the State	—	.2739	.2739
Rate	—	—	—
Non-supporting	—	1.0959	1.0959



The Commonwealth of Massachusetts

ANNUAL REPORT

OF THE

TRUSTEES

OF THE

TAUNTON STATE HOSPITAL (Bureau)

FOR THE

YEAR ENDING NOVEMBER 30,

1932

DEPARTMENT OF MENTAL DISEASES



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TRUSTEES' REPORT

To His Excellency, the Governor, and the Honorable Council:

The Trustees of the Taunton State Hospital present herewith, their seventh annual report together with Superintendent's report, financial report and statistical tables.

Early in the year, Dr. J. Vincent Thuot of New Bedford was appointed to succeed Mr. Julius Berkowitz of the same city who had served with great energy and devotion for many years. At our annual meeting, Mr. Arthur B. Reed of North Abington and Mrs. Elizabeth C. M. Gifford of Cambridge were reelected to the offices of chairman and secretary.

We are very glad to report that all meetings of the Board have been attended by a substantial majority of the members. In addition, committees appointed by the chairman have made regular inspections of the different departments of the institution.

The amount appropriated for special purposes during this year, was very small. An appropriation has been made possible, the construction of a very nice brick cottage with six rooms and sun parlor, which is now occupied by our assistant superintendent. This cottage is situated in the vicinity of the main entrance of the hospital grounds and will be a very attractive home after the landscaping is completed. Two new water-tube boilers and smoke stack which were being installed at the time of our last year's report, are now in use. This addition to our boiler room equipment places us in a very good position in as far as boiler capacity is concerned. It is also expected that the saving in coal will be material. The room

The power plant has also been replaced by a new one of fire-proof construction; may be considered as a very important step in our fire-protection program as fire originating in the boiler room is not likely to spread and fires originating where will be much less likely to interfere with the operation of the machinery located there. The installation of automatic sprinklers has continued and the wards of the Howland Infirmary and wards E. G. 7, 8, and 9 are now protected. The attics over E. C. 1, 2, 3, 4, 5, 6, the rear center and the industrial building remain to be done and because of the fact that it is an urgent situation, we expect that the work on them will be accomplished in the very near future. Our program of installing fire-proof floors and renovating toilets and bath rooms, has been temporarily disrupted because of a lack of appropriation. It is likewise expected that this work may be resumed as the need is very definite. The spaces formerly occupied by dining rooms have been thoroughly renovated and in this year, six dormitories of 15 beds each, and two wards of 25 beds each, have come into being. These additions have been great aids to classification and have to some extent solved our over-crowding, which has been a great problem for many years. We are still looking forward to the time when the work outlined in our five-year program will be resumed. The need for a hospital division which would be made up of reception building, hospital building, male and female infirmaries and quarters for the acutely excited continued treatment cases as well as those coming from tuberculosis, is very great. We are hoping that a start on this program can be made before very long.

The following special appropriations have been requested for the coming year:

Fire protection	\$10,000
Root cellar	7,500
The purchase of certain land in the town of Raynham .	250
Renovation of male and female continuous bathrooms .	4,000
Fireproof floors and renovation of bathrooms, toilets and clothing rooms	10,000
Reception building	400,000
Hospital building	400,000
Employees' quarters	100,000
Officers' cottages	12,000
Furnishing of two officers' cottages	4,000
Renovation and modernization of dairy, cow barn, etc. at Raynham Colony as suggested by Mr. E. H. Forristall, Farm Supervisor	Undetermined
Day Street project	Undetermined
Employees' garages	4,000
Safety tie-in with the Taunton Municipal Lighting Plant .	2,000
Purchase of the Staples property in Raynham	3,500

The hospital has been visited and inspected frequently during the year, by George M. Kline, M.D., Commissioner of the Department of Mental Diseases, and his assistants.

In closing, we take this opportunity to express our appreciation of the continued interest in our institution manifested by His Excellency, the Governor, Members of the Governor's Council, Members of the Legislature, and our appreciation also to the different State Departments including the Department of Mental Diseases, the Superintendent and employees of the institution and all others who have been interested in the welfare of the hospital.

THUR B. REED, <i>Chairman</i>	MRS. ELIZABETH C. M. GIFFORD, <i>Secretary</i>
VINCENT THUOT, M.D.	CHARLES C. CAIN, JR.
FRY B. BESSE	SAMUEL M. STONE
ASA A. MILLS	

Trustees.

SUPERINTENDENT'S REPORT

To the Trustees of the Taunton State Hospital:

The seventy-ninth annual report of the Superintendent of the Taunton State Hospital, for the fiscal year ending November 30, 1932, is respectfully submitted for your consideration.

The statistical tables relative to patients, cover the period beginning October 1, 1931, and ending September 30, 1932.

MOVEMENT OF POPULATION

On September 30, 1931, the hospital census was as follows: In the hospital 747 men and 774 women, a total of 1,521. On parole and otherwise absent, 129 men and 117 women, a total of 246, making a grand total of 1,767 including 1,521 men and 891 women on the books of the hospital. During the year ending September 30, 1932, 503 patients were received. Of this number, 209 men and 171 women, a total of 380, were classed as first admissions, 55 men and 56 women a total of 111 came as readmissions and 4 men and 8 women a total of 12, were transferred from other hospitals for mental diseases.

Patients, 521 in number, including 260 men and 261 women, were discharged during the same period. Of this number, 131 men and 109 women, a total of 240, were returned to the community; 94 men and 87 women, a total of 181, were transferred to other institutions; and 35 men and 65 women, a total of 100, were transferred to other institutions.

The census on September 30, 1932, was as follows: In the hospital, 768 men and 779 women, a total of 1,547. On parole and otherwise absent, 73 men and 86 women, a total of 159, making a grand total of 1,706 including 841 men and 865 women on the books of the hospital. The total number of cases under treatment during the year, was 2,227 (1,101 men and 1,126 women).

Of the 380 first admissions, only 300 were actually committed to the hospital, the remaining 80 being under temporary care. Of the 111 readmissions, only 100 were committed, there being 9 voluntary and 8 under temporary care.

FIRST ADMISSIONS

Nativity. Of the 300 committed first admissions, 88 men and 90 women a total of 178, were born in the United States and 65 men and 57 women a total of 122, were born in other countries, the percentage of native-born being 59% and of foreign-born, 41%.

Citizenship. Of the 300 committed first admissions, 178 or 59% were citizens by birth, 53 or 18% were citizens by naturalization, 55 or 18% were aliens and 14 or 5% were unascertained.

Mental Diagnosis. The different forms of mental disease shown by the committed first admissions, were as follows: dementia praecox, 69 or 23%; manic depressive psychosis, 41 or 13.67%; senile psychosis, 40 or 13.34%; psychosis with cerebral arteriosclerosis, 38 or 12.67%; general paralysis, 23 or 7.67%; involution melancholia, 23 or 7.67%; alcoholic psychosis, 20 or 6.67%; psychosis with mental deficiency, 13 or 4.33%; paranoia and paranoid conditions, 9 or 3%; psychoneuroses and neuroses, 6 or 2%; epileptic psychoses, 5 or 1.67%; psychosis with other somatic diseases, 3 or 1%; psychosis with cerebral syphilis, 3 or 1%; traumatic psychoses, 2 or .66%; psychoses with Huntington's chorea, 2 or .66%; psychosis with other brain or nervous diseases, 1 or .33%; psychoses with psychopathic personality, 1 or .33%; psychosis due to drugs or other exogenous toxins, 1 or .33%.

For further information concerning psychoses of first admissions, see statistical tables.

Age. Of the 300 committed first admissions, 99 or 33% were over 60 years of age, 106 or 35.33% were between 40 and 60, the involution period, 76 or 25.33% were between 20 and 40 and 19 or 6.34% were under 20.

Education. Of the 300 committed first admissions, 35 or 11.67% were illiterate, 21 or 7% could read and write; 195 or 65% had a common school education; 41 or 13.67% had a high school education; 7 or 2.33%, a college education; 1% or .33% were unascertained.

Environment. Of the 300 committed first admissions, 268 or 89.33% were

sed as urban and 32 or 10.67% were rural.

READMISSIONS

of the 94 committed readmissions, the diagnoses were as follows: dementia, 40 or 42.55%; manic depressive psychoses, 20 or 21.28%; alcoholic psychosis, 12 or 12.76%; psychosis with cerebral arteriosclerosis, 4 or 4.26%; psychosis with mental deficiency, 4 or 4.26%; epileptic psychosis, 3 or 3.19%; mania and paranoid conditions, 3 or 3.19%; psychosis with other brain or nervous diseases, 2 or 2.13%; involution melancholia, 2 or 2.13%; general paresis, 2 or 2.13%; senile psychosis, 1 or 1.06%; without psychosis, 1 or 1.06%.

DISCHARGES

The hundred sixty-four (164) of the 240 patients discharged, were committed to the hospital. The remaining 76 were under temporary care and voluntary. The condition of the 164 discharged during the year, was as follows: recovered, 10 or 24.39%; improved, 114 or 69.51%; unimproved, 9 or 5.49%; without psychosis, 1 or .61%.

DEATHS

The death rate for the year figured on the total number under treatment was 33%.

The hundred sixty-three (163) of the 181 patients dying during the year were committed. The remaining 18 were under temporary care. The causes of death were as follows: endocarditis and myocarditis, 47 or 28.83%; bronchopneumonia, 12 or 12.88%; general paralysis of the insane, 15 or 9.20%; tuberculosis of the respiratory system, 13 or 7.99%; lobar pneumonia, 12 or 7.37%; cerebral hemorrhage apoplexy, 8 or 4.90%; other diseases of the heart, 7 or 4.29%; cancer and other malignant tumors, 7 or 4.29%; accidental traumatism, 5 or 3.07%; other external causes, 4 or 2.46%; nephritis, 4 or 2.46%; arteriosclerosis, 2 or 1.23%; pleurisy, 2 or 1.23%; tuberculosis of other organs, 2 or 1.23%; other diseases of the genital organs, 2 or 1.23%; syphilis (non-nervous forms), 2 or 1.23%; other diseases of the nervous system, 2 or 1.23%; other general diseases, 1 or .61%; other diseases of the arteries, 1 or .61%; tumor (non-cancerous), 1 or .61%; diabetes, 1 or .61%; hernia and intestinal obstruction, 1 or .61%; other diseases of the intestines, 1 or .61%; suicide, 1 or .61%; epilepsy, 1 or .61%.

Of those who died, 103 or 63.19% were over 60, 46 or 28.22% were from 40 to 60, 14 or 8.59% were from 20 to 40 and none were under 20.

Our records show that at the close of the year, there were 38 ex-service men in the hospital.

MEDICAL SERVICE

The visiting staff composed of Drs. Joseph L. Murphy, Thomas J. Robinson, Arthur R. Crandell and Charles A. Atwood in general medicine and surgery, Charles J. C. Gillon in eye, ear, nose and throat and Byron H. Strout in dentistry, continued to take an active part. There was no epidemic during the year. Dr. Richard P. MacKnight has continued as formerly, to respond to our requests for advice in regard to the communicable diseases.

During the last year, there have been no changes in the medical staff, except that Dr. Roger G. Osterheld came to fill the vacancy left by Dr. Joseph E. Pett. As formerly, 19 medical students have obtained their practical work in psychiatry for periods of from one to three months; the work done is under close supervision and enables the students to familiarize themselves with the care and treatment of the mentally ill.

The members of the medical staff continue to give lectures to nurses and attendants and a number of postgraduate nurses have taken work in psychiatry during the year. Many lectures have been given by the superintendent and members of the staff, to clubs, parent-teachers associations and societies.

During the year, equipment for colonic irrigation was installed and is in active use. The treatment of general paralysis continues to be by malaria. It is thought that the method of choice in producing fever therapy. Hydrotherapy and electrotherapy have been used extensively with good results, during the year. The laboratory is equipped to type pneumonia cases for serum treatment.

The following work was accomplished in the operating and dressing room during the year:

Operations:

Exploratory laparotomies	3	Uterine polypus removed	
Toe amputation	1	Tonsillectomies and adenoidec-	
Herniotomies	4	tomies	
Pelvic abscess	1	Rectal dilatation with removal	
Breast amputation	2	of scar tissue	
Appendectomies	3	Tissues removed for examination	
Cholecystostomy	1	(from neck)	
Intestinal obstruction	1	Foreign body removed from	
Partial hysterectomy	1	larynx	
Uterine suspensions	2	Partial finger amputations	
Cervical and perineal repair	2	Toe nail removed	

Total operations

Miscellaneous:

Suture cases	50	Obstetrical cases	
Boils, carbuncles, abscesses, etc.	25	Venal punctures	
Infections opened and drained	22	Spinal punctures	
Casts and splints applied	13	Inoculations	
Vericose vein treatments	10	Vaccinations	
Syphilitic treatments	7,448	Gynecological examinations	
Iron cacodylate treatments	18	Dressings	6,
Ovarian extract treatments	70		

The outstanding preventive medicine for the year, at this hospital, was establishing of a routine whereby all employees and patients throughout, have anything to do with the handling of food, have their stools examined for typh and paratyphoid.

SOCIAL SERVICE

The personnel of the Social Service Department as far as the regular work are concerned, has remained the same for the year just past. The two volunteer workers left at the end of their training period and their places have been filled by two graduates of Pembroke College. Another student from Pembroke was here during the summer months.

We are glad to report that again this year, we have increased our number of supervision visits and have been able to do somewhat more intensive case work than before. The cases newly admitted have called for considerably more investigation than hitherto. The reason for this is not clear and might make an interesting study.

The supervision of patients on trial, the history-taking and investigation, and the work done in connection with the psychiatrist in school and community clinics comprise the principal work of the department.

The workers have attended monthly conferences at the State House, where problems of interest to all of the social workers of the Department of Mental Diseases are presented and discussed. The head worker has attended other conferences on matters relating to the supervision of students and the improvement of case records.

Monthly meetings of the Round Table of Psychiatric Social Work with its discussions, and lectures on different types of the work, have proven interesting and instructive. Three of the department are now enrolled for a course in child guidance sponsored by this association. Other lectures bearing on social work and its allied subjects have also been attended.

A summary of the work accomplished, follows:

SOCIAL SERVICE STATISTICS

December 1, 1931 to November 30, 1932

NUMERICAL SUMMARY OF CASES:

	HOSPITAL CASES				COMMUNITY CASES				TOTALS		
	House Patients		Out Patients		Clinic Cases		Others				
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	T.
New cases	297	289	88	105	73	44	349	89	807	527	1,334
Renewed cases from previous year	—	—	—	—	—	—	—	—	—	—	—
Renewed cases within the year	—	—	—	—	—	—	—	—	—	—	—
Continued cases from previous year	163	149	85	100	90	99	—	—	338	348	686
Cases closed during year	293	273	99	115	71	40	349	89	812	517	1,329
Cases continued to following year	167	165	74	90	92	103	—	—	333	358	691

SOURCES OF NEW CASES:

Number cases referred by physicians, 768; by community agencies, 566.

ANALYSIS OF WORK:

1. Purposes for which cases were referred:

- Histories of patients — taken at hospital, 354; taken outside hospital, 245.
- Investigation — conduct disorders, 87; employment situations, 20; home conditions, 93; statements of patients, 99; statements of others, 76.
- Supervision — in home, 55; in industry, 21; in community, 12.
- Care of patients' families, 29.
- Personal services, 319.
- Placement, 3.

2. Problems:

- Disease — mental, 562; physical, 59.
- Sex problems — promiscuity, 2; wayward tendencies, 13.
- Environment — financial difficulties, 142; employment difficulties, 94; unsuitable surroundings, 19; friction — family, 65; others, 21; marital difficulties, 61.
- Personality problems — temperament, 76; anti-social habits, 59; vacillating interests, 25.
- Educational problems — readjustment habits of mind, 109; recreation; church; social relationships, 90.
- Legal problems — concerning property or support, 6; resulting from conduct of patient, 2; resulting from conduct of others, 1.

SERVICE RENDERED:

1. Medical:

Contribution of information *re*: medical history, 690; home conditions, 604; condition of out patients, 557.

2. Social:

Adjustments for patients — environment, 4; personal relations, 12; recreation, 4.

Advice — to relatives, 304; to patients, 359; to others, 83.

Connecting with agencies, 385; with individuals, 1,868.

Family assistance — legal, 1; miscellaneous, 9.

Personal services, 68.

Number of psychometrics given hospital patients, 55; prisoners, 53; juvenile delinquents, 79.

SUPERVISION WORK:

Number patients on visit last day previous year, 185; discharged from visit during year, 122. Visits — to patients on ward, 300; to patients on visit, 553; to relatives or friends, 314; to social agencies, 151; to others, 78.

2. Family care patients:

Number patients visited, 21; placed, 1; discharged, 1; number boarding homes investigated, 6; 4 Christmas boxes sent.

VI. CLINIC WORK:

1. Hospital clinics — number interviews with patients, 426; patients referred to Community clinics; number interviews with relatives, 233.
2. School clinics — number attended, 52; number psychological tests, miscellaneous work, arrangements for clinics in 21 towns 29 school tests.
3. Community clinics — number attended, 151; number interviews with patients, 222; others, 316.

VII. MISCELLANEOUS:

1. Amount of expense account — school or community clinic work, \$299.00; hospital work, \$333.00.
2. Account of time — Number days in hospital, 701½; outside hospital, 721½; spent in school clinic work, 57; community clinic work, 57.

LECTURES —

- 20 lectures on social work to nurses of the training school.
- 6 lectures of a course on psychoanalysis given by Dr. Franz Alexander, attended by 3 workers.
- 2 lectures of a course on child guidance given by Dr. Levy attended by 3 workers.
- 2 meetings of the Mental Hygiene Society — monthly meetings of Round Table of Psychiatric Social Workers.

SPECIAL STUDIES —

Investigation concerning twins.

CONFERENCES —

- Daily hospital conferences.
- Monthly conferences at the State House.
- Saturday morning conferences at the State House for head workers.
- Conference concerning rural social work.
- Annual Conference of Massachusetts social workers.

OUT-PATIENT DEPARTMENT

The work in our community clinics in Attleboro, Fall River, New Bedford and Taunton has continued as usual. Most of our 81 juvenile delinquent cases have been examined at these clinics since this has seemed the best way of caring for the new branch of the work. It has not proven altogether desirable, however, since at times, it has crowded the regular community work.

The work done by the travelling school clinic has been carried on as in the past. There is still one city in our district that has not availed itself of our services in the regular way but many of the retarded children have been brought for examination, to our community clinics.

The following is a statement of the work done by the different clinics:

*Mental Clinics**Source of Visits:*

	<i>Num of vi</i>
Community Welfare	.
Children's Aid Society	.
School Department	.
Society for Prevention of Cruelty to Children	.
Private Physicians	.
Family Welfare Society	.
Catholic Welfare Bureau	.
Taunton State Hospital	.
Department of Public Health	.
Court (Chapter 215 cases)	.
Other sources	.
Total	.

Attleboro				New Cases			
al Visits				Male			
ale	5			Female			2
female	4						3
Total	9			Total			5

Fall River				New Cases			
al Visits				Male			
ale	92			Female			24
female	101						14
Total	193			Total			38

New Bedford				New Cases			
al Visits				Male			
ale	279			Female			55
female	166						27
Total	445			Total			82

Taunton				New Cases			
al Visits				Male			
ale	25			Female			21
female	9						9
Total	34			Total			30

male cases seen	102
female cases seen	53

Total new cases seen 155

visits to clinic	401
ale visits to clinic	280

Total visits to clinic 681

It will be noted that 56 of the above total of 155 were examined in the out-
 -patient clinics according to the provisions of Chapter 215, Acts of 1931. Besides
 this, there were 25 others of the juvenile type, examined outside the weekly
 visits. Total juvenile cases for the year, 81.

School Clinics			
Number of towns visited			16
	Male	Female	Total
Examinations:			
New cases	152	55	207
Old cases (reexamined)	79	23	102
Number of completed cases	309		
Number of incompleated cases	0		
Total number of cases	231	78	309
Recommendations:			
Institutional care	2	0	2
Special class	87	35	122
Other recommendations	142	43	185
Total number of recommendations	231	78	309

number of patients wearing bridgework and crowns	297
number of bridges, crowns and pivots	625
number of artificial appliances	1,130
number of patients with no teeth	234
number of patients needing false teeth	94
number of plates needed	130
average number of patients treated daily	14.2
average number of operations per day	18.7
number of days office was open	288
average operations other than examination, on patients treated	4.8

X-RAY DEPARTMENT

During the past year, the x-ray department has continued to take care of all cases referred for diagnosis.

The old Victor bedside unit continues to function but it is hoped that in the near future, up-to-date equipment will be installed enabling stereoscopic and roentgenoscopic examinations as well as special investigations.

The following is a report of the work done during the year 1931-32: dental, 1; skulls, 10; sinus, 1; shoulders, 5; forearm, 1; wrists, 15; hands, 4; fingers, 1; chests, 60; spines, 6; pelvis (sacro-iliac) 6; R. U. V., 1; lower extremities, 3; knees, 4; feet, 6; abdomen, 3; G. I. tract, 2; knees, 3; elbows, 8; hips, 12; hips, 3; foreign bodies, 3; upper jaw, 2; heart, 1; gall bladders, 4; oesophagus, 1; Barium enema, 1. Total, 393.

PHYSIOTHERAPY DEPARTMENT

This department has continued to function efficiently under a staff physician and a trained technician.

During the year, 104 patients were treated there being 50 female patients and 54 males. Twenty-one men were discontinued from treatment, out of which 16 had excellent results. In the female department, 26 were discontinued from treatment, 18 of these being greatly improved.

There were 6 male and 8 female employees treated during the year.

Conditions treated by the ultra violet ray were: acne, dermatitis, tuberculosis, abscesses, abscesses, anemia, boils, eczema, gangrene, and psoriasis. Sprains, dislocations and fractures were treated with radiant heat, massage and motion. Gleet was treated with diathermy, massage and motion. Auto-condensation was used for hypertension cases.

Below, is a summary of the treatment given during the year:

	Men		Women	
	Treat-ments	Hours	Treat-ments	Hours
Ultra Violet Ray	1,553	437½	1,430	371½
Radiant Heat-Massage	667	295½	852	366½
Diathermy	231	130¾	46	34½
			(massage)	
Total	2,451	863¾	2,328	772½

Number of all treatments 4,779

Number of all hours 1,636¼

HYDROTHERAPY

This department is in use night and day and results continue to show that this form of treatment is very valuable. All treatments are prescribed by a physician and are given under the supervision of a trained hydrotherapist, by nurses and attendants who are experienced in this form of treatment. A very careful record is kept continuously while the patient is under treatment. The results are evident in the very small amount of restraint that was used during the year.

The following is a detailed report of the work done from December 1, 1931 to November 30, 1932:

	Male	Female	Total
Number of patients	256	259	515
<i>Tonic Baths</i>			
Salt glows	1,245	848	2,093
Hot and cold to spine	1,008	940	1,948
Foot baths	42	104	146
Sitz bath	0	29	29
Electric light baths	163	32	195
Swedish shampoos	1,139	642	1,781
Hair shampoos	1,139	457	1,596
Needle sprays	3,595	2,622	6,217
Fan douches	3,009	2,208	5,217
Rain douches	1,139	457	1,596
<i>Continuous Baths</i>			
Number of baths	4,878	5,910	10,788
Number of hours	36,376 $\frac{3}{4}$	54,132 $\frac{2}{3}$	90,508 $\frac{5}{6}$
<i>Wet Sheet Packs</i>			
Number of packs	8,878	12,361	21,239
Number of hours	27,032	36,304.16	63,336.16
<i>Instructions</i>			
Continuous bath lessons:			
Number of pupils	3	82	85
Number of lessons	2	140	142
Number of hours	2	242 $\frac{3}{4}$	244 $\frac{3}{4}$
Pack lessons:			
Number of pupils	1	55	56
Number of lessons	1	80	81
Number of hours	1	109	110

OCCUPATIONAL THERAPY

The personnel of this department for the year ending November 30, 1932, as follows: one head occupational therapist, four aides, one physical director, director of music.

Classes were held on the following wards: Main occupational therapy classroom, E. G. 7, E. E. 1, E. G. 8, W. G. 8, H. I. 3, B. I. 3, E. E. 3, W. E. 3. Bean and bean-picking was supervised by this department during the summer, large groups of patients who were unable to work elsewhere, thus having an opportunity to get out of doors daily when the weather would permit.

Every three months, a group of affiliate and post-graduate nurses were given lectures in occupational therapy and ten hours of practical demonstration. Occupational therapy students were given a course of seven lectures and twenty-four hours of practical and practical work in classes.

As previously, all recreational activities were under the supervision of the occupational therapy department. Just previous to our annual Christmas program the David F. Adams Post Auxiliary of the Veterans of Foreign Wars very kindly contributed an entertainment and dance for the benefit of the ex-service men and any others who were able to attend. Then the holiday season opened with a Christmas play entitled, "They that Sit in Darkness," the cast being composed entirely of patients, after which many gifts for patients were distributed from the attractively lighted Christmas trees. Those who could not receive their gifts in this way in the assembly hall, were given special attention on the wards. Christmas Day, special religious services were held both morning and afternoon and during the week following, entertainments were held at each colony as well as at the main hospital and the program closed with an employees dance on December 31 and one for the patients on January 1. Everything possible was done to make the Christmas season a happy one for our patients and it is believed that they were benefited by our efforts.

The following people very generously contributed to our annual Christmas ad: Mrs. Marie Rogers, Mr. Arthur Gauthier, Mrs. Fannie G. Kelley, Mr. Samuel M. Stone, Mr. W. S. Dillingham, Mr. and Mrs. H. M. Lane, Mr. Thomas Clemmy, Mr. Harry Atwood, Mr. Harvey C. Sampson, Mrs. James Boylan, Mrs. Mary B. Besse, Mrs. Belle M. Curran, Mrs. G. A. Wilton, Mrs. Ella H. F. Hatfield, Rev. Francis A. McCarthy, Mr. Walter W. Atkinson, Mrs. Joseph Anelli, Mrs. Nils A. Johnson, Miss Jennie E. Thomas, Mrs. Margaret Paget, Mrs. Emily Osborne, Mrs. Azelie Melanson, Mrs. Deborah Moore, A. L. Sarsfield, Mr. J. Leary, Mr. Fred McLeod, Rev. Francis J. Maloney, Mr. Robert Smith, Mr. John Benedetti, Mrs. Patrick Lucey, Mr. William Keiley, Mrs. John R. Bates, Mrs. Celina Gaumont, Miss Eva J. LePage, Mrs. Clara B. Eldredge, Mrs. Augustus LeClair, Mrs. Florence Stinton, Miss Emma C. Thompson, Mrs. Sarah Ward, Mrs. P. W. Hutchinson, Mrs. L. Lamoureux, Mrs. Dora Levy, Mrs. Elizabeth C. M. Gifford, Mr. E. E. Rich, Annie Coffen, Mr. Joseph F. Waldron, Mrs. Catherine Scully, Mrs. Annie Lloyd, Mr. Arthur Dolan, Mrs. Tevnan, Mr. Harry L. Shenk, Mrs. Charles H. Cook, Mr. William S. P. Murphy. Such articles as food, clothing, Christmas cards envelopes and stamps for mailing, let articles, etc. were contributed by the following friends: Mr. Edward F. Jones, Mrs. M. Heyes, Mr. J. Greenstein, Mrs. Mabel E. Luccareni, Miss M. L. Robinson, Mrs. Louise Moody Merrill, Mrs. Rose Esposito, Mrs. A. Wiegenfeld, Mrs. George Allen.

Other activities of the year follow in order of the date on which they occurred:
January 25 — Dance for patients given by the David F. Adams Post, Veterans Foreign Wars.

January 29 — Whist party in which over 100 patients participated. Prizes were awarded and refreshments were served. New card tables which had been ordered, were used on this date for the first time, making the hall very attractive.
February 18 and 19 — Washington's Birthday dance for employees and patients respectively. The hall was appropriately decorated for both occasions.

March 23 — Minstrel Show composed of 37 patients and 15 employees was presented at the main hospital and on later dates, at the colonies. We are indebted to several friends from Taunton who very kindly assisted us in our efforts to make this minstrel show a success.

March 31 and April 1 — Easter parties for employees and patients.

April 22 — Dance furnished by the David F. Adams Post, Veterans of Foreign Wars to which all patients who were able to attend, were invited.

April 26 — Minstrel show under the direction of the American Legion which was attended by about 500 patients.

May 16 — Whist party for patients.

May 21 — Taunton Chapter of the Junior Red Cross under the auspices of the American Legion Auxiliary gave an entertainment for the benefit of the ex-service men and others. The children were dressed in attractive costumes and demonstrated very well, their ability as entertainers.

May 25 — Professor W. H. Farley, together with about 20 of his dance pupils, entertained.

May 27 — May party of games, dancing and contests which closed the season of patient's entertainments.

June 9 — Nurses' Graduation and Reception.

July 4 — Annual Field Day.

July 28 — Band Concert by Taunton City Band, composed of 32 pieces.

September 9 — Whist party at which 108 patients were present.

October 18 — David F. Adams Post, Veterans of Foreign Wars, brought entertainment consisting of tap-dancing. There was dancing for the patients afterward.

October 26 and 27 — Halloween Costume Parties for patients and employees respectively.

November 13 — American Legion Entertainment (concert and dancing).

November 20 — The Salvation Army of Taunton and their visiting friends of North Manchester, Connecticut, took charge of the Sunday afternoon services, finishing a program of special music.

In addition to the above, Community Sings were held on June 24, July 1, July 15, August 4, August 11, August 18, August 25 and September 1, September 21

and September 28. Motion pictures and dances were held regularly once a week.

The following is a report of the Occupational Therapy treatments for the year:

Cases under treatment, first of the year,	23
Cases admitted to classes during the year	7
Cases previously treated	3
Cases not previously treated	33
Cases transferred	5
Cases discontinued	1
Cases died	
Cases discharged	
Cases remaining under treatment, end of the year	32

Articles completed by patients: 382 runners, 72 centerpieces, 38 doilies, 40 table covers, 102 pillow tops, 25 pillows, 9 scarfs, 88 knitted shoulderettes, 2 knitted afghans, 77 face-cloths, 6 ecru crash arm rests, 2 ecru crash chair-backs, 2 hot plate mats, 1 pin-cushion, 1 puff cover, 1 filet crochet door panel, 2 hand-painted fans, 1 bag, 12 book-marks, 17 handkerchiefs, 18 curtain-pulls, 2 table mats, crocheted cap, 3 shoe-bags, 1 stocking bag, 4 handkerchief bags, 1 laundry bag, 3 sets hand-decorated letter files, 20 prs. hand-painted door-stops, 5 prs. hand-painted book-ends, 1 bird house, 5 hand-painted bird sticks, 128¼ doz. crepe paper roses, 196 red crepe paper poinsettias, 17 silver crepe paper poinsettias, 185 rugs, 33 trackers, 10 waste baskets, 1 desk file, 1 vase, 2 work-baskets, jardinières.

Miscellaneous — 5 volumes of New England Medical Journal, 17 Volumes of Journal of Nervous and Mental Disease, 21 volumes Archives of Neurology and Psychiatry, were bound and lettering on 9 book covers was regilded for the library; 7 boxes for communion cups were lined with felt; 31 rubber centers for cafeteria tables were lined with felt; 202½ doz. face-cloth edges crocheted; 21 prs. curtains dyed; 4 certificates framed for Boiler-room; 2,009 bags filled with Christmas candy; 1,836 Christmas boxes folded; 40 bags greens strung for Christmas decoration; 25,154 lbs. beans picked; 1,136 lbs. gooseberries picked; 1,028 lbs. red and black currants picked.

At Lovering Colony, the following were made: 37 knitted shoulderettes, 37 runners, 10 centerpieces, 44 doilies, 16 table covers, 6 pillow tops, 30 rugs, hooked-in chair seats.

SCHOOL OF NURSING

The enrollment of the School of Nursing, on December 1, 1931, was as follows: five seniors, twelve intermediates, eighteen preliminary students and ten affiliate nurses. On November 30, 1932, there was a total of fifty-three students, including fourteen juniors, fourteen intermediates, thirteen seniors, eight affiliates and four post-graduates. In addition to the student body, there are twenty-three graduate nurses.

In order to give more nurses the benefit of psychiatric training, a post-graduate course of six months, was instituted on May 1, 1932 and four students were enrolled, three of whom completed this course on October 31, four others being enrolled on November 1.

The educational standard for student nurses was raised this year, to four years of High School and much more attention is being paid to the physical requirements for admission.

The affiliation with the Fall River General Hospital was terminated in May, due to the discontinuance of the training school at that hospital.

On January 24, Miss Jean Canning, a graduate of the Taunton State Hospital, class of 1928, who had been subsequently employed as supervisor, resigned, and was replaced by Miss Christene Nicholson, a graduate of the Medfield State Hospital, class of 1929. It is with regret that we report the death on February 4, of one of our head nurses, Miss Marguerite Hinchey, a graduate of this hospital, class of 1930.

Graduation exercises and a reception were held in the auditorium on June 1. Dr. A. Warren Stearns, Commissioner of Correction and Dean of Tufts Medical School, gave the address. Five student nurses received diplomas and Miss Eleanor

McCarthy was awarded the Linda Richards prize given by the Alumnae Association, she being the first student to receive this.

The alumnae of the Taunton State Hospital have been very active, four meetings being held at the hospital. An annual prize of \$5 in gold, known as the Linda Richards prize, was offered by the Alumnae Association, to the student presenting the best theme on some phase of physiatric nursing. The full length mirror presented to the Nurses' Home by the alumnae members is greatly appreciated by all the nurses. In January, the District No. 3 branch of the Massachusetts State Nurses' Association was entertained at the hospital and all meetings of this association throughout the year have been attended by members of the nursing staff.

On June 1, the Foxborough State Hospital School of Nursing, presented a Florence Nightingale pageant for the benefit of the patients as well as the nurses. With the institution of the post-graduate course, in addition to the regular and affiliation courses, the need for lectures has been greatly increased. All of the physicians and members of other departments have given generously of their time in the training of the students and the School is sincerely appreciative.

LABORATORY

The laboratory fiscal year was characterized by smoothness of operation as contrasted with the irregularity associated with the necessary reorganization of the previous year. With the capable assistance of two trained technicians, the work progressed methodically and economically. The laboratory's service to the clinical phase of the hospital's functions was measureably increased. We have persistently sought to develop greater feeling of security in the findings of the laboratory. Frequent presentations to the staff of autopsy findings have been continued.

The material and facilities for teaching were utilized to greater advantage. During the summer, the interns spent a monthly period in the laboratory becoming more familiar with the significance and value of the procedures in use and increasing their knowledge of general neural pathology. In the same period, Mr. Gordon Pratt, a student at the Massachusetts Institute of Technology prepared material for a graduating thesis pertaining to changes in elastic tissue in arteriosclerotic blood vessels. Miss Ellen Robinson, a student of Radcliffe, was instructed in different laboratory procedures.

A paper from this laboratory entitled Primary Intestinal Tuberculosis and Intestinal Obstruction; a Case Report was published in the Bulletin of the Massachusetts Department of Mental Diseases for April, 1932.

The custom of taking patients' pictures for record purposes, was revived. Other procedures added to the laboratory service, included total protein determinations, spinal fluids, rapid methods of pneumococcus typing, erythrocyte volume determinations.

A gratifying percentage of autopsies was obtained. In 74 instances, out of a possible 174, autopsy permission was obtained. This gives a percentage of 42.5. Work of the laboratory that lends itself to tabulation shows a marked gain in many items over recent years: Complete blood counts, 909; leucocyte counts, 1,000; erythrocyte counts, 36; reticulated erythrocyte counts, 36; bleeding and clotting time determinations, 26; blood sugar determinations, 243; urea nitrogen determinations, 150; creatinine determinations, 9; icteric index determinations, 17; bacteriological smears, 158; bacteriological cultures, 348; blood cultures, 3; sputum examinations, 42; feces examinations for typhoid, 99; pneumococcus typing, 3; complete urinalysis, 2,520; diacetic acid determinations, 10; acetone determinations, 250; routine feces examinations, 47; spinal fluid examinations, 126; autopsies, 74; surgical specimens, 16; prepared tissue sections, 10.

RELIGIOUS SERVICES

Religious services are conducted each Sunday as previously. At 8:45 A.M., Catholic patients from both the main hospital and the colonies attend Mass in chapel and in the afternoon at 4:00 o'clock, there is a Protestant service in chapel at the main hospital. Other Protestant services are conducted at each

colony once a month for the benefit of the patients there. The choirs participating are composed of patients with an employee serving as director. The Jewish patients meet with Rabbi Jonas Kamin for their weekly services.

The following clergymen have assisted us during the year: Rev. Frederick V. Alden, Rev. W. E. Cross, Rev. Linton Dwyer, Rev. John Findlay, Rev. Erast Green, Rev. William Haney, Rev. Charles Martin, Rev. Francis A. McCarthy, Rev. Francis Maloney, Rev. H. M. Medary, Rev. Robert Roberts, Rev. Douglas Swaffield, Rev. M. P. Tobey.

LIBRARY

During the past year, the circulation of books among the patients and employees has steadily increased, being 1,735 more than for the year December 1, 1932 to November 30, 1931.

The plan of keeping the library approximately at its present size has been continued. Aside from the older classics, for which there is a small but regular demand, books that the records show have not been in circulation for a long time and from their style and subject matter are very unlikely to be called for, are being withdrawn, to be replaced by modern popular books. As a result, the library is at present, well supplied with books of the day which call forth popular discussion, both in fiction and non-fiction.

Books are being exchanged at regular intervals at both colonies and nine wards.

Total number of books, November 30, 1932	6,3
Additions by gift	3
Additions by purchase	1
Employees' Library Cards	7,1
Total yearly circulation	

The following persons contributed to our library during the year: Mrs. M. B. Besse, Miss Zilpha Chace, Dr. William F. Wyatt, Mr. Frank W. Boynton, Miss E. R. Bliss, Mrs. E. Cole, Miss Annie A. Hall, R. N., Mrs. A. C. Bent, M. E. Russell Davol, Mrs. Frank O'Keefe, Mrs. Thomas W. Smith, Mrs. G. E. Bu, Mrs. Elizabeth C. M. Gifford, Mr. Gallagher, Mrs. Mercer, Miss F. Francis, M. Katherine A. Smith, Mrs. John Clift, Mr. T. W. Smith, Mr. J. P. Hern, M. R. Smerdon, Mrs. F. Brooks, Mrs. C. Simmons, Mrs. T. W. Smith, Mrs. Joseph M. Boyd, Houghton Mifflin Company, Mr. A. C. Bent, Miss Marie Canana, Miss A. E. Bragg, Mrs. Edith S. Curtis, Mrs. William Davis, Mrs. J. M. Ruddock.

FARM

The production of this department has been extremely satisfactory, the weather being very favorable and despite the fact that prices of farm produce were greatly reduced, the profit shown was quite satisfactory. The increased consumption of vegetables in the cafeteria mentioned in last year's report, has continued and has been necessary to increase the production of the gardens materially. Our root cellars are well filled and as extensive repairs which included the installation of an automatic air-conditioning unit in our root cellar have been made during the past year, our losses are expected to be very small. The supply that we now have on hand, will last as long as it will be possible to keep the root cellars cool.

We are hoping for the erection of a new root cellar located near enough to our power plant to enable the installation of sufficient brine pipes to increase the length of our season materially.

The production of our herd has increased considerably during the past year and more than 12,000 lbs. of milk per cow, was produced. The butter-fat content of our milk has continued to run high and the average during the year has been just short of 4%. Most of our milk was used as a beverage. The policy of increasing pork production has continued and the inventory of live stock in this department at the end of the year was heavier than for several years.

The poultry department has had a good year and our pullets are laying better than in previous years.

Twelve acres of land was cleared at the Borden Colony and it will not be long before it will be possible for us to produce more of our hay and to bring about a more satisfactory rotation of crops which will without question, add to our production per acre. The work of the farm has been carried on with as few employees

employees as possible as the benefit of this out-door work to our patients is well recognized.

The production of the farm follows: (*In pounds*) 719,415 ensilage, 72,160 millet, 55,610 oats, 28,850 rye, 113,450 hay, 224,800 green hay (clover), 241,330 apples, 18,288 apples (1sts), 1,566 apples (2nds), 1,298 currants, 952 grapes, 1,433 peaches, 4 pears, 220 quinces, 1,124 blackberries, 1,136 gooseberries, 10,516 strawberries, 216 raspberries, 2,446 asparagus, 25,154 string beans, 25,960 beets, 4 broccoli, 399 brussels sprouts, 92,169 cabbage, 6,931 canteloupe, 57,840 carrots, 165 cauliflower, 2,117 celery, 16,866 chard, $1\frac{1}{4}$ chives, 22,944 corn, 5,990 cucumbers, 134 dandelions, 1,756 kohlrabi, 5,884 lettuce, 19,702 onions, $3\frac{1}{2}$ parsley, 1,374 parsnips, 1,121 peas, 1,701 peppers, 10,875 pumpkins, 7,965 radishes, 109 rhubarb, 5,432 spinach, 21,969 summer squash, 72,346 winter squash, 1,331 ripe and green tomatoes, 87,286 turnips, 3,763 turnip greens, 664,369 milk, 8,569 beef, 312 liver, 72,262 pork, 1,167 liver, 5,373 fowl, 107 chicken, 2,789 $\frac{1}{2}$ boilers, 214,567 potatoes, 11,248 2-12 doz. eggs.

INDUSTRIAL DEPARTMENT

This department has continued to operate efficiently during the past year. Large numbers of patients have been furnished with employment and the nature of the manufactured articles has in many instances, been improved.

The furniture shop came into being during the year and it is now planned that manufactures and repairs will be made there. The work in this shop will be most entirely performed by patients. As stated in our last year's report, we have had no difficulty in filling our orders received in this department and we are looking for new lines of work which may be performed satisfactorily in this manner.

A report of each of the shops under this department, follows:

Furniture Shop

Manufactured: 100 Winsor chairs; 4 fernery frames.

Repaired: 434 chairs, 40 bureaux, 122 tables, 6 wardrobes, 18 desks, 70 beds, 1 sewing case, 1 organ, 1 victrola.

Industrial Shop

Manufactured: 813 brooms, 1,244 mattresses, 440 brushes, 1 garbage can, 2 p pans, 66 water pails, 1 drain funnel, 30 dustpans, 88 dry mops, 99 wet mops, 3 pillows, 3 dippers, 30 covers, 106 window shades, 22 cushions, 21 rope mats, 1 rubber covers for mattresses, 1 ice-box, 16 cans, 1 metal box, 4 stove-pipes, 1 metal platform, 4 metal gutters, 8 wreaths, 2 wire hoops, 2 scrapers, 6 pie cutters, 1 filterer, 3 compartments for pails, 5 metal containers, 4 inserts, 2 fern tins, 1 plate covered with metal, 4 basket tins, 1 strainer, 1 scoop, 28 wire rods, 2 pipe hangers, 1 pipe damper, 1 false metal bottom.

Repaired: 48 cans, 24 pans, 23 pails, 21 boilers, 6 pitchers, 29 covers, 13 menders, 7 ladles, 3 hampers, 34 tins, 15 colanders, 1 egg beater, 30 clocks, 1 regulator, 6 chairs, 10 book folders, 1 ice-chest, 6 dippers, 3 wringers, 156 racks, 1 window shades, 17 floor pads, 3 refrigerators, 2 mixing bowls, 80 teapots, 4 menders, 2 shovels, 1 drinking stand, 1 tray, 6 strainers, 4 scrapers, 1 dish washer, 1 fire-door chains, 3 tubs, 12 ring staples attached to rugs, 1 frame for glass, 6 cans, 2 water cooler tops, 5 doors, 1 vacuum, 1 ventilator top, 4 dispensers, 2 mats, 2 lawn rollers, 9 shelves lined with zinc, 1 sofa, 4 brushes, 1 spout, 1 basket, 1 rake, 1 gutter, 1 coal hod, 9 potato steamers, 1 food warmer, 2 sprinklers, 1 stove-pipe.

Upholstered: 21 chairs, 3 hassocks, 25 cushions, 11 sofas, 1 wicker set, 1 day bed, 1 couch.

Reupholstered: 81 chairs.

Tailor Shop

Manufactured: 306 suits, 284 pairs pants, 41 white coats, 189 white overalls, 1 rag rugs, 42 pairs white curtains, 13 vests, 27 overall suits, 135 jumpers, 21 robes.

Repaired: 4 coats, 50 window curtains.

Pressed: 4 coats, 1,827 suits.

Repaired, pressed and cleaned: 739 suits, 2 coats, 8 dresses, 1 sweater.

Cleaned and pressed: 5 dresses, 2 sweaters, 1,825 suits.

Cleaned, repaired and blocked: 5 hats.

Cleaned and blocked: 49 hats.

Repaired and pressed: 2 coats, 400 suits, 4 dresses.

Miscellaneous: Sewed 1 binding on rug; 227 grummets put on towels; grummets put on tub-covers; 17 grummets put on cloth bags; 3 letters sewed on baseball suits; 1 fringe sewed on rug; 7 rugs re-bound.

Shoe Shop

Manufactured: 495 prs. men's shoes, 72 prs. women's shoes, 174 prs. slippers, 1,515 prs. rubber heels put on, 153 prs. rubber lifts put on, 3 wrist straps.

Repaired: 1 rubber mat, 3 baseball gloves, 1 truss, 265 prs. rubber heels, 3 prs. leather heels, 458 prs. taps nailed, 660 prs. taps sewed, 410 prs. uppers patched, 231 prs. soles patched, 288 prs. rips sewed up, 293 prs. heel-linings put in, 116 prs. straps, 4 automobile curtains, 1 hall runner, 4 slippers, 40 prs. slipper soles, 40 prs. men's outer soles, 20 prs. men's inner soles, 5 carpets, 6 harnesses, 1 shin pad, 2 brief cases, 19 baseball shoes, 1 clock case.

Sewing Room

Manufactured: 549 aprons, 24 bath aprons, 106 bed jackets, 36 bed pan covers, 283 bibs, 1,391 blankets hemmed, 70 bloomers, 193 women's B.V.D., 78 men's B.V.D., 106 chair-backs, 81 coats stamped "T.S.H.", 36 coffee bags, 31 cretonne pillows, 53 cushion covers, 4 curtains for movies, 12 prs. cretonne curtains, 10 prs. long scrim curtains, 51 prs. sash curtains, 6 dishcloths, 170 draw sheets, 50 dresses, 4 prs. door curtains, 24 dustcloths, 259 face-cloths, 2 flag covers, 2 fomentation cloths, 9 gowns, 12 gymnasium bloomers, 19 hammocks, 48 cafeteria head-bands, 54 Hoover dresses, 26 hot water bottle covers, 24 ice-bag covers, kitchen mittens, 702 laundry bags, 142 mattress ticks, 12 middie blouses, 24 moccasins, 4,249 napkins, 786 night-dresses, 656 nightshirts, 10 prs. overdresses, 9 pack pillow slips, 83 pack sheets, 24 pad covers, 3 pajama jackets, 3 pajama pants, 6 perineal sheets, 78 pillow cushions, 3,102 pillow slips, 99 pillow ticks, 124 sanitary belts, 52 screen covers, 3,896 sheets, 423 men's shirts, 118 shroud sheets, 1 shroud squares, 523 women's sick shirts, 562 men's sick shirts, 176 women's slip shirts, 17 spice bags, 696 stockings tagged, 73 tablecloths, 171 prs. tie-backs, 2,259 towels, 28 tub covers, 79 utility cases, 50 women's underskirts, 146 valances, 46 window shades.

At Lovering Colony, the following articles were made: 24 aprons, 48 bath towels, 6 bed jackets, 90 women's B.V.D., 5½ prs. curtains, 131 draw sheets, 34 ward laundry bags, 2,949 cafeteria napkins, 241 men's nightshirts, 287 nightdresses, 30 petticoats, 372 employees' pillow slips, 27 puffs covered, 433 ward sheets, staff sheets, 84 shroud sheets, 59 shroud squares, 36 women's slips, 192 men's sick shirts, 83 women's sick shirts, 43 tablecloths, 5 prs. tie-backs, 381 towels. Repaired: 1,601 stockings (mended).

Mending Room

Repaired: 1,397 aprons, 174 bathrobes, 227 bibs, 433 blankets, 1,395 B.V.D., 32 caps, 583 coats, 8 corsets, 28 curtains, 2,098 drawers, 4,933 dresses, 9 dustcloths, 1 flag, 112 gowns, 1 cafeteria head-band, 2,626 laundry bags, 748 mattress ticks, 7 mittens, 791 napkins, 10,438 nightdresses, 300 overalls, 2 pads, 81 prs. pants, 223 pillow slips, 11 puffs, 9 puff covers, 3 scarfs, 22 shawls, 830 sheets, 4,908 shirts, 1,778 women's slips, 367 spreads, 17,718 stockings, 77 sweaters, 53 tablecloths, 986 towels, 728 tub covers, 872 unionsuits, 19 rugs (tagged).

REPAIRS ORDINARY

It has been possible to accomplish more work with the money appropriated under this heading during the past year, as the services of our mechanics have been available practically all of the time because of the appropriations under Repairs and Renewals being almost entirely free from labor. Several hundred feet of cement roads and sidewalks were constructed in the region of the storeroom house and power-plant, much to the advantage of those who must use the rear entrance to the hospital. The new roads cover the surface of the hills in the vicinity which have always been in bad condition, because of washing.

The usual amount of out-of-door painting was done during the early spring and the fall and the exterior surfaces of all of our buildings are well protected. More than the usual amount of interior decorating has been accomplished.

Repairs to the plumbing and heating system have been quite extensive. New screens have been installed where needed and many wooden floors have been added and re-finished. Extensive repairs and changes incident to the fresh air ducts in the basement of the main building are progressing rapidly. The general condition of all of our buildings is much better than it was at this time last year.

REPAIRS AND RENEWALS

The following improvements were made possible by appropriations under this heading:

Underground cables were installed from the main entrance of the hospital grounds, to a point on the farm in the rear of the Assistant Superintendent's stage. This resulted in the removal of all overhead wires and poles in that vicinity.

A new food elevator was installed in the Brown Infirmary.

The old plaster ceilings which had become unsightly because of cracking and peeling were covered with metal ceilings in 5 wards at the main hospital. This will result in lowering our cost of maintenance as well as improving the appearance of these wards. Ceilings of the type installed, have been in use in this hospital for periods of from 20 to 30 years and are still in good condition.

The built-in ice refrigerators at the Borden and Lovering Colonies were torn out and replaced by electric refrigerators of suitable capacity. The old system was never satisfactory and it had reached the point where it had to be destroyed, consequently, this change will increase the efficiency of the kitchens at the colonies, greatly.

A worn-out potato peeler was replaced by a new and modern machine.

Linoleum floors were installed in three wards at the main hospital and in the corridors of the Female Nurses' Home.

The plan of improving the heating system at the main hospital which has been in process for many years, was continued this year and is now nearly completed. Complete equipment for the projection of talking motion pictures was installed during the summer and is now working very satisfactorily. This was accomplished without any extensive sound-proofing, the acoustics of the auditorium being found to be satisfactory. The addition of this equipment completes the furnishing of the auditorium.

In the early spring, one of the steam chests in our flat-work ironer began to leak and it was necessary to replace it. Although no provision had been made for this unexpected item, it was necessary to charge it to this heading and cover by transfers from other headings in the latter part of the year.

The following items were placed in our budget estimates for the year 1933:

Canning Room equipment	\$300.00
Linoleum — wards	700.00
Improvements to heating system — Main Hospital	400.00
Feed water pump — Main Hospital	600.00
Renovate ceilings — Main Hospital	325.00
Metal top tables with pot racks — Colonies	400.00
Renovate Leonard Cottage	500.00
Containers. Infirmary Dining Rooms	400.00

\$3,625.00

ACKNOWLEDGEMENTS

In closing, I wish to express my gratitude to the Board of Trustees for the continued support in the administration of the affairs of this hospital. All friends as well as all hospital officers and employees who have given of their time or money to help bring pleasure and comfort to our patients, are greatly appreciated and the Superintendent of the institution, I wish to express my thanks.

Respectfully submitted,

RALPH M. CHAMBERS, M.D.,

Superintendent.

VALUATION

November 30, 1932

REAL ESTATE	
Land, 456.88 acres	\$63,000
Buildings	1,183,652
	<hr/> \$1,246,652

PERSONAL PROPERTY	
Travel, transportation and office expenses	\$4,671
Food	13,069
Clothing and materials	22,837
Furnishings and household supplies	121,763
Medical and general care	17,540
Heat and other plant operation	3,957
Farm	41,316
Garage and grounds	5,263
Repairs	11,977
	<hr/> \$242,396

SUMMARY	
Real Estate	\$1,246,652
Personal Property	242,396
	<hr/> \$1,489,048

FINANCIAL REPORT

To the Department of Mental Diseases:

I respectfully submit the following report of the finances of this institution the fiscal year ending November 30, 1932.

CASH ACCOUNT

Receipts

<i>Income</i>	
Board of Patients	\$63,777
Personal Services:	
Reimbursement from Board of Retirement	193
Sales:	
Travel, transportation and office expenses	\$1.00
Food	348.98
Clothing and materials	40.25
Furnishings and household supplies	11.50
Medical and general care	2.00
Heat, and other plant operation	59.45
Farm:	
Cows and calves	89.35
Hides, and green bones	25.48
Repairs, ordinary	135.41
Total sales	<hr/> \$713
Miscellaneous:	
Rents — garages	\$828.00
Interest on bank balances	127.74
Rent, house and room	480.00
Sundries	59.36
	<hr/> 1,495
Total Income	<hr/> \$66,179

MAINTENANCE

Balance from previous year, brought forward	\$30,734
Appropriations, current year	515,300
Total	<hr/> \$546,034
Expenses (as analyzed below)	511,362
	<hr/>
Balance reverting to Treasury of Commonwealth	\$34,672

Analysis of Expenses

Personal services	\$300,042
Religious instruction	1,795
Travel, transportation and office expenses	5,798
Food	66,031
Clothing and materials	10,951
Furnishings and household supplies	24,000
Medical and general care	10,559
Heat and other plant operation	39,110
Farm	21,113
Garage and grounds	3,449
Repairs ordinary	13,082
Repairs and renewals	15,427
	<hr/>
Total expenses for Maintenance	\$511,362

		SPECIAL APPROPRIATIONS	
Balance December 1, 1931			\$79,411.11
Appropriations for current year			
Total			\$79,411.11
Expended during the year (see statement below)		\$52,410.29	
Reverting to Treasury of Commonwealth		108.67	
			52,518.96
Balance November 30, 1932, carried to next year			\$26,892.15

OBJECT	Act or Resolve	Whole Amount	Expended during Fiscal Year	Total Expended to Date	Balance at End of Year
Acquire land	Ch. Year 127—1928	\$ 4,000.00	—	\$ 3,995.64	\$4.36*
Kitchen and cafeteria equipment	115—1930				
	146—1929	25,000.00	\$81.53	24,999.94	.06*
Remodeling certain spaces	115—1930	6,400.00	5,297.94	6,301.43	98.57*
Refrigerator	115—1930	3,000.00	—	2,994.32	5.68*
Officer's Cottage	115—1930	9,000.00	104.06	8,996.79	3.21
	14—1931				
Superintendent's House	115—1930	21,000.00	41.33	41.33	20,958.67
	170—1931				
Purchase of Sprinklers	245—1931	8,000.00	6,788.01	7,080.11	919.89
Furnishings for Officer's Cottage	245—1931	1,500.00	1,490.37	1,490.37	9.63
New boilers	245—1931	45,000.00	38,607.05	39,999.25	5,000.75
		\$122,900.00	\$52,410.29	\$95,899.18	\$27,000.82
Balance reverting to Treasury of the Commonwealth during year (mark item with *)					\$108.67
Balance carried to next year					26,892.15
Total as above					\$27,000.82

PER CAPITA

During the year the average number of inmates has been 1,547.60.
 Total cost of maintenance, \$511,362.05.
 Equal to a weekly per capita cost of \$6.3542.
 Receipt from sales, \$443.42.
 Equal to a weekly per capita of \$.0055
 Other institution receipts, \$65,735.93.
 Equal to a weekly per capita of \$.8168.
 Total weekly per capita \$5.5319.

Respectfully submitted,

YVONNE B. PATENAUDE, *Treasurer.*

STATISTICAL TABLES

ADOPTED BY THE AMERICAN PSYCHIATRIC ASSOCIATION PRESCRIBED BY THE
 MASSACHUSETTS DEPARTMENT OF MENTAL DISEASES

TABLE 1. *General Information*

Data correct at end of hospital year, November 30, 1932

Date of opening as a hospital for mental diseases, 1854.

Type of hospital: State.

Hospital plant:

Value of hospital property:

Real estate, including buildings

Personal property

Total

Total acreage of hospital property owned, 456.88.

Total acreage under cultivation during previous year, 170 $\frac{3}{4}$. (Includes land owned and rented.)

Officers and Employees

	Actually in Service at End of Year			Vacancies at End of Year		
	M.	F.	T.	M.	F.	T.
Superintendents	1	—	1	—	—	—
Assistant Superintendent	1	—	1	—	—	—
Assistant physicians	7	1	8	—	—	—
Total physicians	9	1	10	—	—	—
Stewards	1	—	1	—	—	—
Resident dentists	1	—	1	—	—	—
Pharmacists	—	1	1	—	—	—
Graduate nurses	4	19	23	—	—	—
Other nurses and attendants	78	70	148	5	4	9
Occupational therapists	—	3	3	—	—	—
Social workers	—	3	3	—	—	—
All other officers and employees	64	52	116	3	4	7
Total officers and employees	157	149	306	8	8	16

NOTE: The following items, 5-10 inclusive, are for the year ended September 30, 1932.

5. Census of patient population at end of year:				Absent from Hospital but Still on Books		
	Actually in Hospital			M.	F.	T.
White:	M.	F.	T.	M.	F.	T.
Insane	747	760	1,507	73	85	158
Mental defectives	1	-	1	-	-	-
All other cases	2	-	2	-	-	-
Total	750	760	1,510	73	85	158
Other Races:						
Insane	18	18	36	-	1	-
All other cases	-	1	1	-	-	-
Total	18	19	37	-	1	-
Grand Total	768	779	1,547	73	86	159
				M.	F.	T.
6. Patients under treatment in occupational-therapy classes, including physical training, on date of report	71			237	308	
7. Other patients employed in general work of hospital on date of report	387			333	720	
8. Average daily number of all patients actually in hospital during year	762.4932			781.3599	1,543.85	
9. Voluntary patients admitted during year	11			7	18	
10. Persons given advice or treatment in out-patient clinics during year	181			118	299	

TABLE 2. *Financial Statement*

See Treasurer's report for data requested under this table.

NOTE: The following tables 3-19, inclusive, are for the Statistical year ended September 30, 1932.

	REGULAR COURT COMMITMENT (INSANE)			VOLUNTARY			TEMPORARY CARE			OBSERVATION			TOTAL ON BOOKS		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Patients on books of institution September 30, 1931	823	886	1,709	4	1	5	1	-	1	5	4	9	833	891	1,724
Admissions during year:															
First admissions	153	147	300	7	2	9	16	7	23	33	15	48	209	171	380
Readmissions	48	46	94	4	5	9	3	2	5	-	3	3	55	56	111
Transfers from other hospitals for mental diseases	4	8	12	-	-	-	-	-	-	-	-	-	4	8	12
Total received during year	205	201	406	11	7	18	19	9	28	33	18	51	268	235	503
Total on books during year	1,028	1,087	2,115	15	8	23	20	9	29	38	22	60	1,101	1,126	2,227
Discharged from books during year:															
As recovered	16	24	40	5	-	5	7	1	8	10	3	13	38	28	66
As improved	60	54	114	2	4	6	1	1	2	2	5	7	65	64	129
As unimproved	4	5	9	1	-	1	1	3	4	3	-	3	9	8	17
As without psychosis	-	1	1	3	1	4	7	2	9	9	5	14	19	9	28
Transferred to other hospitals for mental diseases	35	65	100	-	-	-	-	-	-	-	-	-	35	65	100
Died during year	82	81	163	1	-	1	3	2	5	8	4	12	94	87	181
Total discharged, transferred and died during year	197	230	427	12	5	17	19	9	28	32	17	49	260	261	521
Insane patients remaining on books of hospital at end of hospital year:															
In hospital	759	774	1,533	2	1	3	1	-	1	6	4	10	768	779	1,547
On parole or otherwise absent	73	84	157	-	1	1	-	-	-	-	1	1	73	86	159
Total	832	858	1,690	2	2	4	1	-	1	6	5	11	841	865	1,706

NOTE: The total males and females in the insane and voluntary groups will not balance through to September 30, 1932, owing to the fact that one male and one female on voluntary status had a C.L.S. during the year to a R.C. commitment, thus making the males and females on voluntary status one less and the males and females on R.C. status one more than would be expected.

TABLE 4. *Nativity of First Admissions and of Parents of First Admissions*

NATIVITY	PATIENTS			PARENTS OF MALE PATIENTS			PARENTS OF FEMALE PATIENTS		
	M.	F.	T.	Fathers	Mothers	Both Parents	Fathers	Mothers	Both Parents
United States	88	90	178	44	46	40	49	51	43
Belgium	—	—	—	1	1	1	—	—	—
¹ Canada	15	13	28	23	25	22	19	20	17
Cuba	1	—	1	—	—	—	—	—	—
Denmark	—	—	—	1	1	1	—	—	—
England	9	10	19	16	12	12	14	15	13
Finland	1	5	6	1	2	1	5	5	5
Germany	1	1	2	2	2	2	2	1	1
India	1	—	1	1	1	1	—	—	—
Ireland	5	3	8	19	19	16	20	17	14
Italy	3	2	5	4	3	3	3	3	3
Norway	1	—	1	—	1	—	—	—	—
Philippine Islands	—	—	—	—	1	—	—	1	—
Poland	2	4	6	3	2	2	6	6	6
Portugal	21	15	36	26	27	26	20	18	18
Roumania	—	—	—	—	—	—	—	5	—
Russia	—	—	—	2	2	2	—	—	—
Scotland	—	2	2	—	—	—	5	1	—
South America	1	—	1	1	1	1	—	—	—
Sweden	1	2	3	1	1	1	2	2	—
² West Indies	1	—	1	—	—	—	—	—	—
Other countries	2	—	2	1	1	1	—	—	—
Unascertained	—	—	—	7	5	5	2	2	—
Total	153	147	300	153	153	137	147	147	12

¹Includes Newfoundland.²Except Cuba and Porto Rico.

TABLE 4-A. *Age of First Admissions Classified with Reference to Nativity, and Length of Residence in the United States of the Foreign Born*

AGE GROUPS	AGGREGATE			NATIVE BORN							FOREIGN BORN							
				Total	PARENTAGE			TIME IN UNITED STATES BEFORE ADMISSION										
	M.	F.	T.	M.	F.	T.	Native	Foreign	Mixed	Unascertained	Total	Under 5 years	5-9 years	10-14 years	15 years and over	M.	F.	T.
Under 15 years	2	3	5	2	3	5	1	1	2	2	2	1	1	1	1	1	1	1
15-19 years	7	7	14	7	7	14	4	4	1	3	1	2	2	2	2	2	2	2
20-24 years	5	5	10	5	5	10	2	2	1	5	7	1	1	1	1	1	1	1
25-29 years	4	13	17	3	11	14	-	4	3	4	7	3	3	3	3	3	3	3
30-34 years	12	12	24	11	7	18	1	2	4	4	10	1	1	1	1	1	1	1
35-39 years	13	12	25	4	9	13	1	4	3	2	5	3	3	3	3	3	3	3
40-44 years	13	15	28	6	7	13	4	3	2	2	3	3	3	3	3	3	3	3
45-49 years	11	15	26	3	5	8	1	4	5	1	2	1	1	1	1	1	1	1
50-54 years	15	13	28	6	5	11	4	3	7	1	2	1	1	1	1	1	1	1
55-59 years	12	12	24	8	6	14	5	3	8	1	3	1	3	4	4	4	4	4
60-64 years	17	12	29	5	9	14	3	5	8	1	2	1	2	3	3	3	3	3
65-69 years	10	4	14	6	2	8	4	2	6	1	5	1	1	1	1	1	1	1
70 years and over	32	24	56	22	14	36	13	7	20	6	11	-	-	-	-	-	-	-
Total	153	147	300	88	90	178	41	42	83	30	29	59	13	17	30	4	2	6

TABLE 5. *Citizenship of First Admissions*

	Males	Females	Total
Citizens by birth	88	90	178
Citizens by naturalization	29	24	53
Aliens	31	24	55
Citizenship unascertained	5	9	14
Total	153	147	300

TABLE 6. *Psychoses of First Admissions*

PSYCHOSES	M.	F.	T.	M.	F.	T.
1. Traumatic psychoses				2	—	2
2. Senile psychoses				21	19	40
3. Psychoses with cerebral arteriosclerosis				26	12	38
4. General paralysis				15	8	23
5. Psychoses with cerebral syphilis				3	—	3
6. Psychoses with Huntington's chorea				—	2	2
7. Psychoses with brain tumor				—	—	—
8. Psychoses with other brain or nervous diseases, other diseases				1	—	1
9. Alcoholic psychoses, total				16	4	20
Delirium tremens	3	—	3			
Korsakow's psychosis	2	—	2			
Acute hallucinosis	8	1	9			
Other types, acute or chronic	3	3	6			
10. Psychoses due to drugs and other exogenous toxins				1	—	1
11. Psychoses with pellagra				—	—	—
12. Psychoses with other somatic diseases, total				1	2	3
Exhaustion delirium	—	1	1			
Other diseases or conditions	1	1	2			
13. Manic-depressive psychoses, total				15	26	41
Manic type	6	11	17			
Depressive type	8	11	19			
Other types	1	4	5			
14. Involution melancholia				7	16	23
15. Dementia praecox (schizophrenia)				31	38	69
16. Paranoia and paranoid conditions				5	4	9
17. Epileptic psychoses				—	5	5
18. Psychoneuroses and neuroses, total				2	4	6
Hysterical type	—	1	1			
Psychasthenic type (anxiety and obsessive forms)	1	2	3			
Neurasthenic type	1	1	2			
19. Psychoses with psychopathic personality				1	—	1
20. Psychoses with mental deficiency				6	7	13
21. Undiagnosed psychoses				—	—	—
22. Without psychosis, total				—	—	—
Total				153	147	300

TABLE 7. *Race of First Admissions Classified with Reference to Principal Psychoses*

RACE	Total			Traumatic			Senile			With cerebral arterio-sclerosis		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
ican (black)	2	5	7	-	-	-	-	-	-	-	-	-
glish	54	56	110	1	-	1	9	10	19	14	4	18
nish	2	5	7	-	-	-	-	1	1	-	-	-
nich	20	20	40	-	-	-	4	2	6	3	2	5
rman	2	1	3	-	-	-	-	-	-	1	-	1
rew	2	-	2	1	-	1	-	-	-	-	-	-
h	22	19	41	-	-	-	5	2	7	3	4	7
ian ¹	3	3	6	-	-	-	-	-	-	-	-	-
uguese	27	17	44	-	-	-	1	3	4	3	-	3
andinavian ²	2	2	4	-	-	-	-	-	-	-	-	-
ch	-	4	4	-	-	-	-	1	1	-	1	1
ronic ³	4	6	10	-	-	-	-	-	-	-	-	-
nish-American	1	-	1	-	-	-	-	-	-	-	-	-
kish	1	-	1	-	-	-	-	-	-	-	-	-
t Indian	1	-	1	-	-	-	-	-	-	-	-	-
er specific races	1	-	1	-	-	-	-	-	-	1	-	1
ed	12	9	21	-	-	-	2	-	2	1	-	1
Total	153	147	300	2	-	2	21	19	40	26	12	38

TABLE 7. *Race of First Admissions Classified with Reference to Principal Psychoses — Continued*

RACE	General paralysis			With cerebral syphilis			With Huntington's chorea			With other brain or nervous diseases			Alcoholic		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
in (black)	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
sh	4	4	8	1	-	1	-	1	1	1	-	1	1	-	1
h	-	-	-	-	-	-	-	-	-	-	-	-	1	1	2
h	3	3	6	-	-	-	-	-	-	-	-	-	1	1	2
an	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-
ew	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
n ¹	1	-	1	1	-	1	-	-	-	-	-	-	3	1	4
uese	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
inavian ²	3	-	3	-	-	-	-	-	-	-	-	-	5	-	5
h	1	-	1	-	-	-	-	-	-	-	-	-	1	-	1
ic ³	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-
h-American	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
h	1	-	1	-	-	-	-	-	-	-	-	-	1	-	1
Indian	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1
specific races	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	1	1	-	-	-	-	-	-	-	-	-	1	-	1
Total	15	8	23	3	-	3	-	2	2	1	-	1	16	4	20

Includes "North" and "South."

Norwegians, Danes and Swedes.

Includes Bohemian, Bosnian, Croatian, Dalmatian, Herzegovinian, Montenegrin, Moravian, Polish, Ruthenian, Servian, Slovak, Slovenian.

Except Cuban.

TABLE 7. *Race of First Admissions Classified with Reference to Principal Psychoses — Continued*

RACE	Due to drugs and other exogenous toxins			With other somatic diseases			Manic- depressive			Involution melancholia			Dementi præcox	
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.
African (black)	—	—	—	—	1	1	1	2	3	—	—	—	—	—
English	—	—	—	—	—	—	7	12	19	4	5	9	8	13
Finnish	—	—	—	—	—	—	—	—	—	—	—	—	1	1
French	—	—	—	—	—	—	1	1	2	—	—	—	7	7
German	—	—	—	—	—	—	—	—	—	1	1	—	—	—
Hebrew	—	—	—	—	—	—	—	—	—	—	—	—	1	—
Irish	—	—	—	—	—	—	2	3	5	1	4	5	6	4
Italian ¹	—	—	—	—	—	—	1	1	2	—	—	—	—	2
Portuguese	—	—	—	1	1	2	3	3	6	—	4	4	5	4
Scandinavian ²	—	—	—	—	—	—	—	—	—	—	—	—	—	2
Scotch	—	—	—	—	—	—	—	—	—	—	—	—	—	1
Slavonic ³	—	—	—	—	—	—	—	3	3	—	1	1	2	1
Spanish-American	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Turkish	—	—	—	—	—	—	—	—	—	—	—	—	—	—
West Indian	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other specific races	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mixed	1	—	1	—	—	—	—	1	1	2	1	3	1	3
Total	1	—	1	1	2	3	15	26	41	7	16	23	31	38

TABLE 7. *Race of First Admissions Classified with Reference to Principal Psychoses — Concluded*

RACE	Paranoia and paranoid conditions			Epileptic psychoses			Psycho- neuroses and neuroses			With psychopathic personality			With men- tal defi- ciency	
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.
African (black)	—	—	—	—	1	1	—	—	—	—	—	—	—	—
English	1	—	1	—	1	1	1	4	5	—	—	—	2	2
Finnish	—	1	1	—	1	1	—	—	—	—	—	—	—	—
French	—	1	1	—	1	1	—	—	—	—	—	—	1	2
German	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hebrew	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Irish	—	1	1	—	—	—	—	—	—	—	—	—	—	—
Italian ¹	—	—	—	—	—	—	—	—	—	—	—	—	1	—
Portuguese	3	—	3	—	1	1	—	—	—	—	—	—	—	1
Scandinavian ²	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Scotch	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Slavonic ³	1	—	1	—	—	—	—	—	—	—	—	—	—	1
Spanish-American	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Turkish	—	—	—	—	—	—	—	—	—	—	—	—	—	—
West Indian	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other specific races	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mixed	—	1	1	—	—	—	1	—	1	1	—	1	2	1
Total	5	4	9	—	5	5	2	4	6	1	—	1	6	7

¹Includes "North" and "South."

²Norwegians, Danes and Swedes.

³Includes Bohemian, Bosnian, Croatian, Dalmatian, Herzegovinian, Montenegrin, Moravian, Polish, Russian, Ruthenian, Servian, Slovak, Slovenian.

⁴Except Cuban.

TABLE 8. *Age of First Admissions Classified with Reference to Principal Psychoses*

PSYCHOSES	Total			Under 15 years			15-19 years			20-24 years		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Traumatic	2	—	2	—	—	—	—	—	—	—	—	—
Senile	21	19	40	—	—	—	—	—	—	—	—	—
With cerebral arteriosclerosis	26	12	38	—	—	—	—	—	—	—	—	—
General paralysis	15	8	23	—	—	—	—	—	—	—	—	—
With cerebral syphilis	3	—	3	—	—	—	—	—	—	—	—	—
With Huntington's chorea	—	2	2	—	—	—	—	—	—	—	—	—
With brain tumor	—	—	—	—	—	—	—	—	—	—	—	—
With other brain or nervous diseases	1	—	1	—	—	—	—	—	—	—	—	—
Alcoholic	16	4	20	—	—	—	—	—	—	—	—	—
Due to drugs and other exogenous toxins	1	—	1	—	—	—	—	—	—	—	—	—
With pellagra	—	—	—	—	—	—	—	—	—	—	—	—
With other somatic diseases	1	2	3	—	—	—	—	—	—	—	—	—
Manic-depressive	15	26	41	—	—	—	—	—	—	—	—	—
Involution melancholia	7	16	23	—	—	—	—	—	—	—	—	—
Dementia praecox	31	38	69	1	1	2	5	6	11	4	4	8
Paranoia and paranoid conditions	5	4	9	—	—	—	—	—	—	—	—	—
Epileptic psychoses	—	5	5	—	1	1	—	—	—	—	—	—
Psychoneuroses and neuroses	2	4	6	—	—	—	—	—	—	—	—	—
With psychopathic personality	1	—	1	—	—	—	—	—	—	1	—	1
With mental deficiency	6	7	13	1	1	2	2	1	3	—	1	1
Undiagnosed psychoses	—	—	—	—	—	—	—	—	—	—	—	—
Without psychosis	—	—	—	—	—	—	—	—	—	—	—	—
Total	153	147	300	2	3	5	7	7	14	5	5	10

TABLE 8. *Age of First Admissions Classified with Reference to Principal Psychoses — Continued*

PSYCHOSES	25-29 years			30-34 years			35-39 years			40-44 years			45-49 years		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Traumatic	—	—	—	—	—	—	—	—	—	—	—	—	1	—	1
Senile	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
With cerebral arteriosclerosis	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1
General paralysis	—	—	—	1	1	2	3	3	6	4	2	6	1	1	2
With cerebral syphilis	—	—	—	—	—	—	1	—	1	—	—	—	—	—	—
With Huntington's chorea	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
With brain tumor	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
With other brain or nervous diseases	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Alcoholic	1	—	1	2	—	2	2	—	2	—	1	1	1	—	1
Due to drugs and other exogenous toxins	—	—	—	1	—	1	—	—	—	—	—	—	—	—	—
With pellagra	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
With other somatic diseases	—	—	—	—	—	—	—	—	—	1	—	1	—	1	1
Manic-depressive	—	4	4	1	2	3	1	4	5	3	6	9	4	4	8
Involution melancholia	—	—	—	—	—	—	—	—	—	1	2	3	3	3	6
Dementia praecox	2	6	8	6	5	11	4	3	7	3	4	7	1	3	4
Paranoia and paranoid conditions	—	—	—	—	1	1	2	—	2	1	—	1	—	1	1
Epileptic psychoses	—	1	1	—	2	2	—	—	—	—	—	—	—	1	1
Psychoneuroses and neuroses	—	—	—	1	1	2	—	2	2	—	—	—	—	—	—
With psychopathic personality	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
With mental deficiency	1	2	3	—	—	—	—	—	—	—	—	—	—	—	—
Undiagnosed psychoses	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Without psychosis	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	4	13	17	12	12	24	13	12	25	13	15	28	11	15	26

TABLE 8. *Age of First Admissions Classified with Reference to Principal Psychoses — Concluded*

PSYCHOSES	50-54 years			55-59 years			60-64 years			65-69 years			70 years and over	
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.
1. Traumatic	-	-	-	1	-	1	-	-	-	-	-	-	-	-
2. Senile	-	-	-	-	-	-	1	3	4	2	-	2	18	16
3. With cerebral arteriosclerosis	2	-	2	1	3	4	7	2	9	5	1	6	11	5
4. General paralysis	1	1	2	2	-	2	2	-	2	1	-	1	-	-
5. With cerebral syphilis	-	-	-	1	-	1	1	-	1	-	-	-	-	-
6. With Huntington's chorea	-	1	1	-	1	1	-	-	-	-	-	-	-	-
7. With brain tumor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8. With other brain or nervous diseases	1	-	1	-	-	-	-	-	-	-	-	-	-	-
9. Alcoholic	4	-	4	1	1	2	3	-	3	-	-	-	2	2
10. Due to drugs and other exogenous toxins	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11. With pellagra	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12. With other somatic diseases	-	1	1	-	-	-	-	-	-	-	-	-	-	-
13. Manic-depressive	1	1	2	2	3	5	1	-	1	1	1	2	1	1
14. Involution melancholia	1	5	6	1	2	3	1	3	4	-	1	1	-	-
15. Dementia praecox	2	2	4	3	-	3	-	3	3	-	1	1	-	-
16. Paranoia and paranoid conditions	1	2	3	-	-	-	1	-	1	-	-	-	-	-
17. Epileptic psychoses	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18. Psychoneuroses and neuroses	-	-	-	-	1	1	-	-	-	1	-	1	-	-
19. With psychopathic personality	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20. With mental deficiency	2	-	2	-	1	1	-	1	1	-	-	-	-	-
21. Undiagnosed psychoses	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22. Without psychosis	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	15	13	28	12	12	24	17	12	29	10	4	14	32	24

TABLE 10. *Environment of First Admissions Classified with Reference to Principal Psychoses*

PSYCHOSES	Total			Urban			Rural	
	M.	F.	T.	M.	F.	T.	M.	F.
1. Traumatic	2	—	2	2	—	2	—	—
2. Senile	21	19	40	18	17	35	3	2
3. With cerebral arteriosclerosis	26	12	38	21	12	33	5	—
4. General paralysis	15	8	23	13	7	20	2	1
5. With cerebral syphilis	3	—	3	3	—	3	—	—
6. With Huntington's chorea	—	2	2	—	2	2	—	—
7. With brain tumor	—	—	—	—	—	—	—	—
8. With other brain or nervous diseases	1	—	1	1	—	1	—	—
9. Alcoholic	16	4	20	15	4	19	1	—
10. Due to drugs and other exogenous toxins	1	—	1	1	—	1	—	—
11. With pellagra	—	—	—	—	—	—	—	—
12. With other somatic diseases	1	2	3	1	2	3	—	—
13. Manic-depressive	15	26	41	12	23	35	3	3
14. Involution melancholia	7	16	23	4	16	20	3	—
15. Dementia praecox	31	38	69	31	33	64	—	5
16. Paranoia and paranoid conditions	5	4	9	5	4	9	—	—
17. Epileptic psychoses	—	5	5	—	4	4	—	1
18. Psychoneuroses and neuroses	2	4	6	2	4	6	—	—
19. With psychopathic personality	1	—	1	1	—	1	—	—
20. With mental deficiency	6	7	13	4	6	10	2	1
21. Undiagnosed psychoses	—	—	—	—	—	—	—	—
22. Without psychosis	—	—	—	—	—	—	—	—
Total	153	147	300	134	134	268	19	13

TABLE 11. *Economic Condition of First Admissions Classified with Reference to Principal Psychoses*

PSYCHOSES	Total			Dependent			Marginal			Comfortable	
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.
1. Traumatic	2	—	2	—	—	—	2	—	2	—	—
2. Senile	21	19	40	15	8	23	5	10	15	1	1
3. With cerebral arteriosclerosis	26	12	38	15	6	21	11	6	17	—	—
4. General paralysis	15	8	23	5	2	7	9	6	15	1	—
5. With cerebral syphilis	3	—	3	—	—	—	3	—	3	—	—
6. With Huntington's chorea	—	2	2	—	1	1	—	1	1	—	—
7. With brain-tumor	—	—	—	—	—	—	—	—	—	—	—
8. With other brain or nervous diseases	1	—	1	—	—	—	1	—	1	—	—
9. Alcoholic	16	4	20	4	2	6	12	2	14	—	—
10. Due to drugs and other exogenous toxins	1	—	1	—	—	—	1	—	1	—	—
11. With pellagra	—	—	—	—	—	—	—	—	—	—	—
12. With other somatic diseases	1	2	3	1	—	1	—	2	2	—	—
13. Manic-depressive	15	26	41	3	8	11	10	18	28	2	—
14. Involution melancholia	7	16	23	1	5	6	5	10	15	1	1
15. Dementia praecox	31	38	69	20	14	34	11	23	34	—	1
16. Paranoia and paranoid conditions	5	4	9	1	4	5	4	—	4	—	—
17. Epileptic psychoses	—	5	5	—	1	1	—	4	4	—	—
18. Psychoneuroses and neuroses	2	4	6	1	1	2	1	3	4	—	—
19. With psychopathic personality	1	—	1	1	—	1	—	—	—	—	—
20. With mental deficiency	6	7	13	6	5	11	—	2	2	—	—
21. Undiagnosed psychoses	—	—	—	—	—	—	—	—	—	—	—
22. Without psychosis	—	—	—	—	—	—	—	—	—	—	—
Total	153	147	300	73	57	130	75	87	162	5	3

TABLE 12. *Use of Alcohol by First Admissions Classified with Reference to Principal Psychoses*

PSYCHOSES	Total			Abstinent			Temperate			Intemperate			Unascertained		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Traumatic	2	—	2	—	—	—	1	—	1	1	—	1	—	—	—
Senile	21	19	40	7	16	23	6	3	9	7	—	7	1	—	1
With cerebral arterio-sclerosis	26	12	38	14	10	24	5	—	5	7	1	8	—	1	1
General paralysis	15	8	23	5	4	9	7	2	9	3	2	5	—	—	—
With cerebral syphilis	3	—	3	1	—	1	2	—	2	—	—	—	—	—	—
With Huntington's chorea	—	2	2	—	2	2	—	—	—	—	—	—	—	—	—
With brain tumor	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
With other brain or nervous diseases	1	—	1	1	—	1	—	—	—	—	—	—	—	—	—
Alcoholic	16	4	20	—	—	—	—	—	—	16	4	20	—	—	—
Due to drugs and other exogenous toxins	1	—	1	—	—	—	1	—	1	—	—	—	—	—	—
With pellagra	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
With other somatic diseases	1	2	3	1	1	2	—	1	1	—	—	—	—	—	—
Manic-depressive	15	26	41	6	22	28	5	3	8	4	1	5	—	—	—
Involution melancholia	7	16	23	4	14	18	3	2	5	—	—	—	—	—	—
Dementia praecox	31	38	69	11	31	42	15	6	21	5	1	6	—	—	—
Paranoia and paranoid conditions	5	4	9	3	3	6	1	1	2	1	—	1	—	—	—
Epileptic psychoses	—	5	5	—	5	5	—	—	—	—	—	—	—	—	—
Psychoneuroses and neuroses	2	4	6	1	3	4	1	1	2	—	—	—	—	—	—
With psychopathic personality	1	—	1	—	—	—	1	—	1	—	—	—	—	—	—
With mental deficiency	6	7	13	5	6	11	1	1	2	—	—	—	—	—	—
Undiagnosed psychoses	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Without psychosis	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	153	147	300	59	117	176	49	20	69	44	9	53	1	1	2

TABLE 13. *Marital Condition of First Admissions Classified with Reference to Principal Psychoses*

PSYCHOSES	Total		Single		Married		Widowed		Separated		Divorced		Unascertained
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
1. Traumatic	2	—	3	—	2	—	—	—	—	—	—	—	—
2. Senile	21	19	—	6	7	4	11	9	—	—	—	—	—
3. With cerebral arteriosclerosis	26	12	3	2	12	—	12	10	—	—	—	—	—
4. General paralysis	15	8	1	1	13	4	17	1	—	1	2	3	—
5. With cerebral syphilis	3	—	—	—	3	—	3	—	—	—	—	—	—
6. With Huntington's chorea	—	2	—	—	—	1	—	—	—	—	—	—	—
7. With brain tumor	—	—	—	—	—	—	—	—	—	—	—	—	—
8. With other brain or nervous diseases	1	—	—	—	—	—	—	—	—	—	—	—	—
9. Alcoholic	16	4	4	1	7	1	8	2	—	1	—	3	—
10. Due to drugs and other exogenous toxins	1	—	1	—	—	—	—	—	—	—	—	—	—
11. With pellaagra	—	—	—	—	—	—	—	—	—	—	—	—	—
12. With other somatic diseases	1	2	—	—	1	2	3	—	—	—	—	—	—
13. Manic-depressive	15	26	2	2	10	22	32	3	—	—	1	1	—
14. Involution melancholia	7	16	1	2	5	11	16	1	1	—	—	—	—
15. Dementia praecox	31	38	24	23	5	11	16	3	—	1	1	2	—
16. Paranoia and paranoïd conditions	5	4	—	—	5	3	8	—	—	—	—	—	—
17. Epileptic psychoses	—	5	—	2	—	—	—	—	—	—	—	—	—
18. Psychoneuroses and neuroses	2	4	1	—	1	4	5	—	—	—	—	—	—
19. With psychopathic personality	1	—	1	—	—	—	—	—	—	—	—	—	—
20. With mental deficiency	6	7	6	6	—	1	1	—	—	—	—	—	—
21. Undiagnosed psychoses	—	—	—	—	—	—	—	—	—	—	—	—	—
22. Without psychosis	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	153	147	47	45	71	67	138	26	30	7	4	11	1
		300		92					1	1	2		—

TABLE 14. *Psychoses of Readmissions*

PSYCHOSES	Males	Females	Total
Traumatic psychoses	—	—	—
Senile psychoses	—	1	1
Psychoses with cerebral arteriosclerosis	3	1	4
General paralysis	2	—	2
Psychoses with cerebral syphilis	—	—	—
Psychoses with Huntington's chorea	—	—	—
Psychoses with brain tumor	—	—	—
Psychoses with other brain or nervous diseases	1	1	2
Alcoholic psychoses	10	2	12
Psychoses due to drugs and other exogenous toxins	—	—	—
Psychoses with pellagra	—	—	—
Psychoses with other somatic diseases	—	—	—
Manic-depressive psychoses	8	12	20
Involution melancholia	1	1	2
Dementia praecox	18	22	40
Paranoia and paranoid conditions	1	2	3
Epileptic psychoses	1	2	3
Psychoneuroses and neuroses	—	—	—
Psychoses with psychopathic personality	—	—	—
Psychoses with mental deficiency	3	1	4
Undiagnosed psychoses	—	—	—
Without psychosis	—	1	1
Total	48	46	94

TABLE 15. *Discharges of Patients Classified with Reference to Principal Psychoses and Condition on Discharge*

PSYCHOSES	Total			Recovered			Improved			Unimproved		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Traumatic	2	—	2	1	—	1	1	—	1	—	—	—
Senile	2	2	4	—	—	—	2	2	4	—	—	—
With cerebral arteriosclerosis	8	3	11	—	—	—	8	3	11	—	—	—
General paralysis	5	—	5	—	—	—	4	—	4	1	—	1
With cerebral syphilis	—	—	—	—	—	—	—	—	—	—	—	—
With Huntington's chorea	—	—	—	—	—	—	—	—	—	—	—	—
With brain tumor	—	—	—	—	—	—	—	—	—	—	—	—
With other brain or nervous diseases	2	—	2	—	—	—	2	—	2	—	—	—
Alcoholic	10	2	12	6	2	8	4	—	4	—	—	—
Due to drugs and other exogenous toxins	—	1	1	—	1	1	—	—	—	—	—	—
With pellagra	—	—	—	—	—	—	—	—	—	—	—	—
With other somatic diseases	—	3	3	—	3	3	—	—	—	—	—	—
Manic-depressive	10	23	33	6	8	14	4	14	18	—	1	1
Involution melancholia	3	10	13	1	5	6	2	4	6	—	1	1
Dementia praecox	32	26	58	2	3	5	28	21	49	2	2	4
Paranoia and paranoid conditions	5	5	10	—	—	—	4	4	8	1	1	2
Epileptic psychoses	—	3	3	—	2	2	—	1	1	—	—	—
Psychoneuroses and neuroses	—	—	—	—	—	—	—	—	—	—	—	—
With psychopathic personality	—	1	1	—	—	—	—	1	1	—	—	—
With mental deficiency	1	3	4	—	—	—	1	3	4	—	—	—
Undiagnosed psychoses	—	1	1	—	—	—	—	1	1	—	—	—
Without psychosis	—	1	1	—	—	—	—	—	—	—	—	—
Total	80	84	164	16	24	40	60	54	114	4	5	9

TABLE 16. Causes of Death of Patients Classified with Reference to Principal Psychoses

CAUSES OF DEATH	Total			Senile			With cerebral arterio-sclerosis			General paralysis			Alcoholic			Manic-depressive		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
<i>Epidemic, Endemic and Infectious Diseases</i>																		
Tuberculosis of the respiratory system	8	5	13	1	1	2	—	—	—	—	—	—	—	—	—	—	2	2
Tuberculosis of other organs	1	1	2	—	—	—	—	—	—	—	—	—	1	—	1	—	—	—
Syphilis (non-nervous forms)	2	—	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
<i>General Diseases Not Included in Class I</i>																		
Cancer and other malignant tumors	3	4	7	1	—	1	1	—	1	—	—	—	—	—	—	—	—	—
Tumor (non-cancerous)	—	1	1	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—
Diabetes	—	1	1	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—
Other general diseases	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
<i>Diseases of the Nervous System</i>																		
Cerebral hemorrhage, apoplexy	4	4	8	—	—	—	1	1	2	—	—	—	1	—	1	—	—	—
General paralysis of the insane	11	4	15	—	—	—	—	—	—	11	4	15	—	—	—	—	—	—
Epilepsy	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other diseases of the nervous system	—	2	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
<i>Diseases of the Circulatory System</i>																		
Endocarditis and myocarditis	19	28	47	6	7	13	8	12	20	—	—	—	3	—	3	1	1	2
Other diseases of the heart	5	2	7	1	1	2	1	—	1	—	—	—	—	—	—	—	—	—
Arteriosclerosis	—	2	2	—	—	—	—	1	1	—	—	—	—	—	—	—	—	—
Other diseases of the arteries	—	1	1	—	—	—	—	1	1	—	—	—	—	—	—	—	—	—
<i>Diseases of the Respiratory System</i>																		
Bronchopneumonia	10	11	21	3	3	6	5	5	10	—	—	—	1	—	1	1	1	2
Lobar pneumonia	8	4	12	2	1	3	3	1	4	—	—	—	—	—	—	1	1	1
Pleurisy	2	—	2	—	—	—	—	—	—	—	—	—	—	—	—	1	—	1
<i>Diseases of the Digestive System</i>																		
Hernia and intestinal obstruction	1	—	1	—	—	—	1	—	1	—	—	—	—	—	—	—	—	—
Other diseases of intestines	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
<i>Non-Veneral Diseases of Genito-Urinary System and Annexa</i>																		
Nephritis	2	2	4	1	—	1	—	—	—	—	—	—	1	1	2	—	—	—
Other diseases of genital organs	1	1	2	—	—	—	—	—	—	—	—	—	1	—	1	—	—	—
<i>Diseases of the Skin and of the Cellular Tissue</i>																		
Suicide	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1
Accidental poisoning	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Accidental traumatism	1	4	5	1	1	2	—	2	2	—	—	—	—	—	—	—	—	—
Other external causes	3	1	4	—	—	—	1	1	2	—	—	—	—	—	—	1	—	1
Total	82	81	163	16	16	32	21	24	45	11	4	15	7	2	9	5	5	10

TABLE 16. *Causes of Death of Patients Classified with Reference to Principal Psychoses* — Continued

CAUSES OF DEATH	Involution melancholia		Dementia praecox		Paranoia and paranoid conditions		Epileptic psychoses		With mental deficiency		*All other psychoses		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.		F.	T.
<i>Epidemic, Endemic and Infectious Diseases</i>													
Tuberculosis of the respiratory system	—	1	1	5	1	6	—	—	—	1	—	1	
Tuberculosis of other organs	—	—	—	—	1	1	—	—	—	—	—	—	
Syphilis (non-nervous forms)	—	—	—	—	—	—	—	—	—	—	2	2	
<i>General Diseases Not Included in Class I</i>													
Cancer and other malignant tumors	—	2	2	1	1	2	—	—	—	—	—	1	
Tumor (non-cancerous)	—	—	—	—	—	—	—	—	—	—	—	1	
Diabetes	—	—	—	—	—	—	—	—	—	—	—	—	
Other general diseases	—	—	—	—	—	—	—	—	—	—	1	1	
<i>Diseases of the Nervous System</i>													
Cerebral hemorrhage, apoplexy	—	1	1	—	1	1	1	—	2	—	—	—	
General paralysis of the insane	—	—	—	—	—	—	—	—	—	—	—	—	
Epilepsy	—	—	—	—	—	—	—	1	1	—	—	—	
Other diseases of the nervous system	—	—	—	—	—	—	—	—	—	—	—	2	
<i>Diseases of the Circulatory System</i>													
Endocarditis and myocarditis	—	3	3	—	3	3	—	1	—	2	2	—	
Other diseases of the heart	—	—	—	1	—	1	—	—	—	—	2	1	
Arteriosclerosis	—	—	—	—	1	1	—	—	—	—	—	3	
Other diseases of the arteries	—	—	—	—	—	—	—	—	—	—	—	—	
<i>Diseases of the Respiratory System</i>													
Bronchopneumonia	—	1	1	—	—	—	—	—	1	1	—	—	
Lobar pneumonia	—	—	—	1	2	3	—	—	1	—	—	—	
Pleurisy	—	—	—	—	—	—	—	—	1	1	—	—	
<i>Diseases of the Digestive System</i>													
Hernia and intestinal obstruction	—	—	—	—	—	—	—	—	—	—	—	—	
Other diseases of intestines	—	—	—	—	—	—	—	—	—	1	1	—	
<i>Non-Veneral Diseases of Genito-Urinary System and Anæra</i>													
Nephritis	—	—	—	—	—	—	—	—	—	—	—	—	
Other diseases of genital organs	—	—	—	—	1	1	—	1	1	—	—	—	
<i>Diseases of the Skin and of the Cellular Tissue</i>													
<i>External Causes</i>													
Suicide	—	—	—	—	—	—	—	—	—	—	—	—	
Accidental poisoning	—	—	—	—	—	—	—	—	—	—	—	—	
Accidental traumatism	—	—	—	—	—	—	1	1	—	—	—	—	
Other external causes	—	—	—	—	—	—	—	—	—	—	1	1	
Total	—	8	8	8	11	19	1	1	2	5	3	8	
							1	3	4	7	4	11	

*Includes group 22, "without psychosis."

TABLE 18. Total Duration of Hospital Life of Patients Dying in Hospital Classified According to Principal Psychoses — Concluded

PSYCHOSES		5-6 years			7-8 years			9-10 years			11-12 years			13-14 years			15-19 years			20 years and over		
		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1.	Traumatic	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.	Senile	-	1	1	-	1	1	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-
3.	With cerebral arteriosclerosis	-	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.	General paralysis	1	-	1	1	-	1	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-
5.	With cerebral syphilis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6.	With Huntington's chorea	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.	With brain tumor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.	With other brain or nervous diseases	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.	Alcoholic	-	1	1	1	1	1	-	-	-	1	-	1	2	-	2	2	1	3	-	-	-
10.	Due to drugs and other exogenous toxins	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11.	With pellagra	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12.	With other somatic diseases	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13.	Manic-depressive	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-
14.	Involution melancholia	-	2	2	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-
15.	Dementia praecox	2	2	4	1	1	1	3	3	-	1	1	-	1	-	1	2	3	5	-	-	-
16.	Paranoia and paranoid conditions	-	-	-	1	-	1	-	1	-	-	-	-	-	-	-	-	-	1	1	-	-
17.	Epileptic psychoses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18.	Psychoses and neuroses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19.	With psychopathic personality	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20.	With mental deficiency	-	-	-	-	-	-	-	-	-	-	-	-	2	1	3	1	-	1	-	2	1
21.	Undiagnosed psychoses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22.	Without psychoses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total		4	8	12	4	1	5	1	3	4	3	1	4	3	2	5	6	-	6	7	13	-

TABLE 19. *Family Care Department*

	Male	Female	T
Remaining in Family Care, October 1, 1931	—	5	5
On Visit from Family Care, October 1, 1931	—	—	—
Admitted during year	—	2	2
Whole Number of Cases within the year	—	7	7
Dismissed within the year	—	3	3
Returned to institution	—	2	2
Discharged	—	1	1
Died	—	—	—
On visit	—	—	—
Remaining in Family Care, September 30, 1932	—	4	4
Supported by the State	—	—	—
Private	—	—	—
Self-Supporting	—	4	4
Number of different persons within the year	—	4	4
Number of different persons dismissed	—	3	3
Number of different persons admitted	—	2	2
Average daily number in Family Care during the year	—	4.2884	4.2
Supported by the State	—	—	—
Private	—	—	—
Self-Supporting	—	4.2884	4.2

The Commonwealth of Massachusetts

ANNUAL REPORT

OF THE

TRUSTEES

OF THE

TAUNTON STATE HOSPITAL

FOR THE

YEAR ENDING NOVEMBER 30,

1933

DEPARTMENT OF MENTAL DISEASES



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DEPARTMENT OF MENTAL DISEASES
GARDNER STATE COLONY
GARDNER, MASS

TAUNTON STATE HOSPITAL

[Post Office Address: Taunton, Mass.]

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JAMES FLYNN

Chief Power Plant Engineer 1874 - 1923

GEORGE A. HARRIS, D.D.S.

Dentist 1921 - 1933

TRUSTEES' REPORT

To His Excellency, the Governor, and the Honorable Council:

The trustees of the Taunton State Hospital present herewith their eighth annual report together with Superintendent's report, financial report and statistical tables.

The membership of our Board has remained the same throughout the year. Mrs. Mary B. Besse of Wareham having been reappointed. At our annual meeting Mr. Arthur B. Reed of North Abington and Mrs. Elizabeth C. M. Gifford of Cambridge were re-elected to the offices of chairman and secretary. All of our meetings have been well attended and the different members of the Board have interested themselves in the many activities of the hospital aside from their regular duties of the committees on which they have served.

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1933
B

The hospital suffered a severe loss this past year in the passing of Dr. George Kline, Commissioner. To the inspiration of his leadership and the urge of attracting attention to detail, this hospital owes much of the progress made over the past. It is fitting that we should record this tribute to him on behalf of the hospital and to add an expression of the personal loss each trustee has suffered by the loss of one who was friend and adviser, as well as department head.

We have noted with a great deal of pleasure the large amount of interior decorating and landscaping which has been accomplished during the year, and we are certain that these improvements are gradually making the hospital a better place in which to live. We are also able to report that the morale of the patients has improved greatly since they have had the privilege of going to the cafeteria for meals, and doing many personal things in the way that they choose themselves. We are sure that their general conduct has been greatly improved, and that they, as well as the employees, have been made more comfortable.

A number of worthwhile improvements have been accomplished during the year. Female ward No. 7 was closed during the month of July, and since that time a new reinforced granolithic floor and new ceiling have been installed. Linoleum has been used as a floor covering, with the exception of a few rooms where tile was used. Fire-proof floors have now been installed in all but four of the wards on the first floor.

Toilet facilities, shower baths and an excellent clothing room have been provided in the basement of the brick cottage at the Borden Colony. This will enable the patients working outside to cleanse themselves thoroughly after the day's work is done. This improvement was badly needed as the toilet facilities in this particular building have long been inadequate. We wish to call attention to the fact at this time that the lavatories and bathrooms in many of the wards at the main hospital are badly in need of immediate renovation.

Our program for the installation of automatic sprinklers has been at a complete standstill during the past year, and the attics of the East Choate building and rear center are still unprotected as are also the industrial building and the garage. Appropriations sufficient to accomplish this work as well as to install pipes and fire extinguishers in the nurses' homes and the buildings at the colonies have been submitted as a project under the emergency Public Works Administration. Plans for the hospital group suggested in our ten year program set out in 1926 are nearing completion. This group will accommodate approximately eight hundred patients in seven buildings:

Psychiatric Building, No. 1, for the care and treatment of the acute treatable case.

Hospital Building for the care and treatment of surgical and medical cases. This building will be concentrated all medical and surgical equipment.

Male Infirmary Building.

Female Infirmary Building.

Psychiatric Building, No. 2, for the care and treatment of those individuals in our custodial population who develop active mental symptoms periodically.

Nurses' Home to accommodate 150 employees.

Kitchen and Dining-room Building.

These plans are now being considered by the emergency Public Works Administration and it is hoped that a substantial part of this program will be carried out in the near future, as we believe it is absolutely necessary to relieve overcrowding in existing buildings and prevent insofar as possible, the transfer of patients residing in our district to other hospitals remotely located.

The agricultural activities at the Borden Colony are expanding rapidly and it will soon be necessary to increase the patient population in order to accomplish additional work. This will require the construction of a farm dormitory for patients. We also wish to mention that the piggery and hennery which are now located at the main group will have to be relocated in the near future because of the building program, and it would seem best to establish a new site on high ground at this colony.

On August 25, 1933, the hospital was visited by James V. May, M.D., Commissioner, Henry M. Pollock, M.D., Timothy W. Fitzgerald, and Samuel Kalesky, Associate Commissioners, Carl A. Raymond, Budget Commissioner, Winfred

Overholser, M.D., Assistant Commissioner. On September 11, the Governor's Public Works Committee of which Dr. Henry Lefaveur is the chairman, visited the hospital. On November 16, 1933 the Public Welfare committee paid a visit, and during the last two weeks of August the hospital was inspected for the Department by Dr. Edward W. Whitney. Other representatives of the Department have visited the hospital at frequent intervals.

In closing we wish to express our gratitude for the cooperation we have received during the year from the Department of Mental Diseases, the other State departments, the Superintendent, the employees, and all others with whom we have been associated.

ARTHUR B. REED, *Chairman*

J. VINCENT THUOT, M.D.

MRS. MARY B. BESSE

MRS. ELIZABETH C. M. GIFFORD, *Secretary*

CHARLES C. CAIN, JR.

SAMUEL M. STONE

ASA A. MILLS

Trustees

SUPERINTENDENT'S REPORT

To the Trustees of the Taunton State Hospital:

The eightieth annual report of the Superintendent of the Taunton State Hospital for the fiscal year ending November 30, 1933, is respectfully submitted for your consideration.

The statistical tables relative to patients, cover the period beginning October 1, 1932, and ending September 30, 1933.

MOVEMENT OF POPULATION

On September 30, 1932, the census of the hospital was as follows: In the hospital 768 men and 779 women, a total of 1547. On parole or otherwise absent, 73 men and 86 women, a total of 159, making a grand total of 1,706, including 841 men and 865 women on the books of the hospital. During the year ended September 30, 1933, 483 patients were received. Of this number, 224 men and 161 women, a total of 385, were classed as first admissions, 47 men and 46 women, a total of 93, came as readmissions, and 4 men and 1 woman were transferred from other hospitals.

Patients, 490 in number, including 267 men and 223 women, were discharged during the same period. Of this number, 125 men and 84 women, a total of 209, were returned to the community, 37 men and 65 women, a total of 102, were transferred to other hospitals, and 105 men and 74 women, a total of 179, died.

The census on September 30, 1933, was as follows: In the hospital, 755 men and 752 women, making a total of 1,507. On parole or otherwise absent, 94 men and 98 women, a total of 192, making a grand total of 1,699, including 849 men and 850 women, on the books of the hospital. The total number of cases under treatment during the year was 2,189 (1,116 men and 1,073 women.)

Of the 385 first admissions, only 317 were actually committed to the hospital, there being 7 voluntary, and 61 temporary care. Of the 93 readmissions, 77 were committed, there being 4 under voluntary and 12 under temporary care.

FIRST ADMISSIONS

Nativity: Of the 317 committed first admissions, 104 men and 76 women, a total of 180, were born in the United States, and 68 men and 69 women, a total of 137, were born in other countries, the percentage of native born being 57% and of foreign born, 43%.

Citizenship: Of the 317 committed first admissions, 180 or 57% were citizens by birth, and 61 or 19% were citizens by naturalization, 61 or 19% were aliens and 15 or 5% were unascertained.

Mental Diagnosis: The different forms of mental disease shown by the committed first admissions were as follows: dementia praecox, 67 or 20.82%; psychosis with cerebral arteriosclerosis, 66 or 20.82%; senile psychosis, 42 or 13.25%; general paralysis, 28 or 8.84%; manic-depressive psychosis, 22 or 6.94%; alcoholic psychosis, 21 or 6.62%; psychosis with mental deficiency, 14 or 4.41%; involution melancholia, 12 or 3.78%; paranoia and paranoid conditions, 10 or 3.15%; psychoneuroses and neuroses, 9 or 2.84%; psychosis with other somatic diseases, 8 or 2.52%; epileptic psychoses, 5 or 1.57%; psychosis with other

nervous diseases, 5 or 1.57%; without psychosis, 2 or .64%; psychosis with Huntington's chorea, 2 or .64%; traumatic psychosis, 2 or .64%; psychosis due to drugs and other exogenous toxins, 1 or .32%; psychosis with psychopathic personality, 1 or .32%.

For further information concerning psychoses of first admissions see statistical tables.

Age: Of the 317 committed first admissions, 114 or 35.96% were over 60 years of age, 112 or 35.33% were between 40 and 60, the involution period, 80 or 25.23% were between 20 and 40, and 11 or 3.48% were under 20.

Education: Of the 317 committed first admissions, 31 or 9.77% were illiterate, 10 or 6.62% could read and write, 210 or 66.24% had a common school education, 11 or 11.38% had a high school education, 11 or 3.47% had a college education, and 1 or 2.52% were unascertained.

Environment: Of the 317 committed first admissions, 292 or 92.11% were classified as urban, and 25 or 7.89% were rural.

READMISSIONS

Of the 77 committed readmissions, the diagnoses were as follows: dementia praecox, 29 or 37.65%; manic depressive psychosis, 24 or 31.15%; psychosis with cerebral arteriosclerosis, 7 or 9.10%; alcoholic psychosis, 4 or 5.20%; epileptic psychosis, 2 or 2.60%; paranoia and paranoid conditions, 2 or 2.60%; involution melancholia, 2 or 2.60%; traumatic psychosis, 1 or 1.30%; senile psychosis, 1 or 1.30%; general paralysis, 1 or 1.30%; psychosis with other brain or nervous diseases, 1 or 1.30%; psychoneuroses and neuroses, 1 or 1.30%; psychosis with psychopathic personality, 1 or 1.30%; psychosis with mental deficiency, 1 or 1.30%.

DISCHARGES

One hundred thirty-eight (138) of the 209 patients discharged were committed to the hospital. The remaining 71 were under temporary care and voluntary. The condition of the 138 discharged during the year was as follows: recovered, 60 or 43.49%; improved, 71 or 51.45%; unimproved, 6 or 4.34%; without psychosis, 1 or .72%.

DEATHS

The death rate for the year figured on the total number under treatment was 18%.

One hundred sixty-five (165) of the 179 patients dying during the year were committed. The remaining 14 were under temporary care. The causes of death were as follows: endocarditis and myocarditis, 47 or 28.49%; bronchopneumonia, 12 or 12.73%; general paralysis, 18 or 10.91%; lobar pneumonia, 16 or 9.70%; tuberculosis of the respiratory system, 14 or 8.48%; other diseases of the heart, 10 or 6.06%; cancer and other malignant tumors, 8 or 4.85%; cerebral hemorrhage, 8 or 4.85%; arteriosclerosis, 6 or 3.64%; accidental traumatism, 3 or 1.84%; suicide, 2 or 1.22%; gangrene, 2 or 1.22%; hernia and intestinal obstruction, 2 or 1.22%; diabetes, 2 or 1.22%; tuberculosis of other organs, 1 or .60%; other general diseases, 1 or .60%; pleurisy, 1 or .60%; ulcer of stomach and peritonitis, 1 or .60%; other diseases of the kidneys and annexa, 1 or .60%; other external causes, 1 or .60%.

Of those who died, 114 or 69.09% were over 60, 35 or 21.21% were between 40 and 60, 15 or 9.09% were between 20 and 40, and 1 or .61% was under 20.

Our records show that at the close of the year, there were 41 ex-service men in the hospital.

MEDICAL SERVICE

Dr. Roger G. Osterheld, M.D., Assistant Superintendent, has acted as clinical director throughout the year, and all the activities of this department have been under his direct supervision. He has been assisted by the visiting staff who has continued to respond to all calls promptly.

There has been one change in personnel during the year, Dr. Bernard Yood having resigned on Sept. 29, 1933, for the purpose of taking further instruction at Harvard University. On October 2, 1933, he was succeeded by Dr. Samuel Cargen, a graduate of Tufts College Medical School. Dr. Cargen has served as an intern at the Memorial Hospital, Johnstown, Pa., and had service at the Johnstown Dispensary.

Dr. Richard P. MacKnight, District Health Officer, has continued to aid us our problems concerning communicable diseases, and we are very grateful for services.

During the early months of the year several of our patients and employees suffered from influenza in a mild form. Prophylaxis was instituted promptly in the form of isolation of those who were sick, and a routine spraying of the noses and throats of the rest of the population. The number of cases was not large and none of them could be considered serious.

During the month of August a female patient developed typhoid fever. The course of her illness was uneventful and she recovered. This was the first case of typhoid in the hospital in many years, and we are at a loss to account for it. The Department of Public Health made a complete investigation and no evidence of this disease was found. The routine of inoculating all patients and employees once in three years with typhoid vaccine has been carried on for many years, and during the last three years all food handlers have had their stools examined before assuming their duties. As the patient in question had been in the hospital for a period of several months previous to her illness, it was finally concluded that she must have been infected by food materials which were brought to her by friends. There were no other cases.

All cases of syphilis are treated routinely. Fever therapy has become a routine in the treatment of general paralysis, malaria being the method of choice. At the present time we are reviewing the results of anti-syphilitic treatment for the period beginning 1905 and ending with the present date, and it is hoped that we will be able to make a report some time during the coming year.

The different members of the medical staff have continued to cooperate with the school of nursing, and many lectures and quizzes have been given by them.

The superintendent and other members of the staff have continued to respond to invitations for speakers from Parent-Teacher Associations, clubs and societies.

Our laboratories, operating rooms and other facilities are old and inadequate. It is hoped that this will be corrected in the near future by the erection of a proposed new hospital building which will incorporate not only quarters for those who are sick, but all of the special equipment needed in their treatment. Much time has been spent during the year in preparation of the plans for this building.

The following work was accomplished in the operating and dressing room during the year:

Operations:

Exploratory laparotomies	2	Dental extractions	2
Herniotomies	4	Excision of tissue from lip	5
Appendectomies	5	Infections lanced and drained	5
Cholecystostomies	2	Partial finger amputation	1
Varicocele	1	Toe nail removed	1
Hemorrhoidectomies	2	Gland incised	1
Lipoma removed from arm	1	Pelvic examinations with ether	1
Tonsillectomies and adenoidectomies	4		
Total operations	10		

Miscellaneous:

Casts and splints applied	11	Venal punctures	1,08
Suture cases	40	Spinal punctures	15
Syphilitic treatments	12,172	Typhoid inoculations	41
Dressings	6,090	Smallpox vaccinations	25
Gynecological examinations and treatments	1,020	Obstetrical cases	5
		Parenteral treatments	5

DENTAL DEPARTMENT

Dr. George A. Harris who has directed the work of this department since the policy of employing a full time dentist was adopted in 1921 passed away on October 26, 1933 after a short illness. Dr. Harris was graduated from the Harvard School of Dentistry and had served at the Westborough State Hospital previous to his coming to this hospital. He was an excellent operator and a great believer in the system. This latter qualification peculiarly adapted him to work in a State

hospital where the dental office is entirely responsible for the condition of the teeth of many people, a large number of whom are not greatly interested themselves. The records now in use in the State hospital system were largely the result of his efforts. Since his death, the department has continued to function under the guidance of our consulting dentist, Dr. Byron H. Strout, and the dental hygienist. It is to be hoped that this position will be filled in the near future.

An outline of the work accomplished follows:

Bridgework: Preparation for 5; removed, 11; facing recemented, 1; set, 2.
Crowns: Gold removed, 2. Cleaned and scaled, 1,042; examined and charted, 1,59; extractions, 920.

Fillings: Amalgam, 381; kryptex, 78; zinc oxide and eugenol, 312.

Inlays: Preparation for, 3; set, 1; reset, 1.

Plates: Impression, bite, shade, 69; teeth tried in, 26; made, 24; adjusted, 84; repaired, 36; cleaned, 168; marked, 218.

Treatments: Abscess lanced, 3; formo-creosol, 7; gums treated, 115; post-operative, 170; root canal, 17; tooth treated, 21.

X-rays taken	159
Patients with work completed	1,371
Patients with work not completed	180
Number of visits	4,046
Number of operations	5,035
Average operation per patient	1.02
Number of patients treated first time	661
Number of new patients needing dental attention	265
Number of extractions and fillings on new patients	663-618
Percentage of patients with work completed	88.35
Percentage of patients with work to be done	11.65
Average number of patients treated daily	13.71
Average number of operations per day	17.06
Number of days office was open	296

X-Ray Department

The X-ray Department continues to be in active and regular use under the direction of H. Sinclair Tait, M.D., and all cases referred by the staff have been taken care of satisfactorily, limited only by the lack of up-to-date equipment, the Victor bedside unit still being in use.

During the year the work has been facilitated by the purchase of two new motor cassettes with double screens.

A summary of the work done during the year follows:

Tests	107	Skulls	17	Jaw	4
Arm	1	Hips	8	Spines	6
Feet	6	Abdomen	5	R.U.V.	4
Wrist	10	Barium enema	3	Thumbs	6
Thumbs	9	Pelvis	4	Feet	8
Feet	10	G.I. tract	6	Coccyx	1
Stomach	21	Femur	4	Stomach	3
Foreign Bodies	6	Foreign Bodies	2	Sinus	3
Fingers	7	Fingers	5	Nose	1
Humerus	7	Humerus	2	Sacro-iliac	1
Gall Bladders	9	Gall Bladders	8		
Total					294

PHYSIOTHERAPY DEPARTMENT

The work in this department has been carried on by our physiotherapist, Helen Gardner, under the direction of Dr. Olga E. Steinecke.

During the year 174 patients have been treated, of this number 66 were women and 108 were men. In addition, 11 employees were also referred to this department.

There is a material increase over last year and the physicians are constantly making more use of the available facilities.

The following are some of the various conditions treated: dermatitis, psoriasis, grene, boils, carbuncles, abscesses, acne, pulmonary tuberculosis, lupus, eczema, arthritis and contractures.

Below, is a summary of the treatment given during the year:

	Men		Women	
	Treat-ments	Hours	Treat-ments	Hours
Ultra violet ray	1,434	420 ¼	1,345	408
Radiant heat massage	1,913	953 ¾	1,306	667
Diathermy-massage	162	96 ½	179	100
Total	3,509	1,470 ½	2,830	1,175
Total of all treatments.			6,339	
Total of all hours			2,646	

HYDROTHERAPY

This department has continued to make full use of the existing apparatus throughout the year. The number of patients receiving treatment has been limited by lack of equipment, but the benefit obtained by those treated has been great.

Our senior physicians, H. Sinclair Tait, M. D., and Robert M. Bell, M. D., have directed the work of the department which has been carried on by our hydrotherapists, Leon Jackson and Theresa Haskell. Exact technique is followed and careful records are kept. Colonic irrigation has been used in selected cases.

Dr. Rebekah Wright, hydrotherapeutist for the Department of Mental Diseases, spent four months with us during the early part of the year. During this period she assumed full control of the department, and gave numerous lectures to the physicians and nurses, bringing to them the newer developments in her subject.

The following is a detailed report of the work done from Dec. 1, 1932 to Nov. 30, 1933:

	Men	Women	Total
Number of patients	210	263	473
<i>Tonic Baths</i>			
Salt glows	1,170	1,172	2,342
Hot and cold to spine	432	445	877
Foot baths	41	73	114
Sitz baths	17	23	40
Electric light baths	124	184	308
Swedish shampoos	894	737	1,631
Hair shampoos	894	275	1,169
Needle sprays	2,833	2,673	4,406
Fan douches	2,511	2,184	4,695
Rain douches	894	275	1,169
<i>Continuous Baths</i>			
Number of baths	5,321	5,928	11,249
Number of hours	38,150 2/3	56,547 3/5	94,698 4/5
<i>Wet Sheet Packs</i>			
Number of packs	10,488	13,491	23,979
Number of hours	33,905 2/3	43,408	77,313 2/3
<i>Colonic Irrigations</i>			
Number of irrigations	400	368	768
<i>Instructions</i>			
<i>Continuous bath lessons:</i>			
Number of lessons	2	122	124
Number of hours	4	204.50	208.50
<i>Pack lessons:</i>			
Number of lessons	33	80	113
Number of hours	37.15	118	155.15

LABORATORY

Dr. Harold W. Williams who has been in charge of the laboratory during the last two years finished his period of service on July 15, 1933 and is now studying in Germany. Dr. Donald G. Henderson assumed the directorship of the laboratory on July 17, 1933. He was fully acquainted with the type of work carried on in the laboratory, and because of this the hospital has not suffered in any way by the change.

To the usual laboratory procedures which were performed routinely, were added blood cultures for the purpose of isolating typhoid carriers.

The medical students, as in former years, spent approximately one-eighth of their stay at the hospital in the laboratory, and the consensus of opinion was that it was well worth while to them.

Several exceptionally interesting autopsies were encountered during the year, and were duly presented to the staff. Much valuable information was thus obtained which might have been lost had the physicians failed to obtain permission to examine the cases. At this point it might be well to point out the gratifying autopsy percentage, which is 44.63%.

A new method of restoring autopsied cases was worked out by Dr. Williams and continued by Dr. Henderson. This met with exceptional approval by the morticians and they have enthusiastically propagated the method to other institutions.

A summary of the work accomplished follows: Complete blood counts, 989; leukocyte counts, 263; erythrocyte counts, 55; reticulocyte counts, 38; bleeding and coagulation time determinations, 4; blood sugar determinations, 190; urea nitrogen determinations, 87; creatinine determinations, 4; icteric index determinations, 15; bacteriological smears, 70; bacteriological cultures, 60; blood cultures, 13; feces examinations for typhoid, 371; sputum examinations, 111; pneumococcus typing, 8; complete urinalysis, 2,259; diacetic acid determinations, 11; acetone determinations, 173; routine feces examinations, 39; spinal fluid examinations, 131; basal metabolism determinations, 3; autopsies, 80; surgical specimens, 7; prepared tissue sections, 3,445; patients' pictures, 791; milk examinations, 16; quantitative urine sugars, 27; widal examinations, 22.

SOCIAL SERVICE

This department has continued to function during the year under the leadership of Emma Shaw Lowe, Psychiatric Social Worker. The personnel, insofar as the regular workers are concerned, has not changed. The plan of having two volunteer workers in training has been continued, and has proven to be valuable both from the standpoint of the hospital and the student.

The department has obtained a complete medical and social history in all cases admitted and where necessary, a description of the home has also been obtained. Our histories have been greatly improved by this method and the physicians have been aided greatly in making diagnoses and prescribing treatment.

All cases on trial visit have been supervised by means of visits to the home, or by having the patient call at one of our out-patient clinics. As many of these patients live at a considerable distance from the hospital, this work has been time consuming, but there seems to be no doubt but that it is well worth while from the administrative standpoint, as many patients would have to return to the hospital if it were not for the advice and counsel given by the worker who visits them. Quite a little time of the workers has been spent in connection with the school clinics and the examination of juvenile delinquents. In conjunction with the other work, information was obtained concerning patients who were discharged during the year ending Sept. 30, 1920. This will be analyzed later and if the information thus obtained proves to be enlightening, it will probably be used as subject matter for a paper.

The workers have attended most of the staff conferences held daily at the hospital, as well as the different conferences which are held from time to time under the supervision of Miss Hannah Curtis, Director of Social Service for the Department of Mental Diseases. Special conferences have been attended by the head worker during the year. There is no doubt but that these meetings are stimulating, and that the interchange of ideas which occurs serves to improve the general level of the work.

A summary of the work accomplished follows:

SOCIAL SERVICE STATISTICS

December 1, 1932 to November 30, 1933

I. NUMERICAL SUMMARY OF CASES:

	HOSPITAL CASES				COMMUNITY CASES				TOTALS		
	House Patients		Out Patients		Clinic Cases		Others				
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	T.
1. New Cases	308	226	114	119	49	38	*369	*110	840	493	1,333
2. Renewed cases from previous year	—	—	—	—	—	—	—	—	—	—	—
3. Renewed cases within the year	—	—	—	—	—	—	—	—	—	—	—
4. Continued cases from previous year	167	165	74	90	92	103	—	—	333	358	691
5. Cases closed during year	321	224	91	111	50	35	369	110	831	480	1,311
6. Cases continued to following year	154	167	97	98	91	106	—	—	342	371	713

*This number includes 239 male, 97 female school clinic cases; 74 male, 13 female juvenile delinquent cases; 56 male court cases.

II. SOURCES OF NEW CASES:

Number cases referred by physicians, 757; by community agencies, 576.

III. ANALYSIS OF WORK:

- Purposes for which cases were referred: (a) Histories of patients — taken at hospital, 346; taken outside hospital, 180; (b) Investigation — conduct disorders, 89; employment situations, 18; home conditions, 106; statements of patients, 107; statements of others, 182; (c) Supervision — home, 536; in industry, 7; in community, 22; (d) Care of patient families, 19; (e) Personal services, 385; (f) placement, 13.
- Problems: (a) Disease — Mental, 536; physical, 56; (b) Sex problems — promiscuity, 4; wayward tendencies, 15; (c) Environment — financial difficulties, 130; employment difficulties, 90; unsuitable surroundings, 1; friction — family, 43; others, 30; marital difficulties, 58; (d) Personality problems — anti-social habits, 65; temperament, 93; vacillating interests, 1; (e) Educational problems — readjustment habits of mind, 127; recreation — church, social relationships, 94; (f) Legal problems — concerning property or support, 7;

IV. SERVICE RENDERED:

1. Medical:

Contribution of information re: medical history, 647; home conditions, 647; Condition of out-patients, 571.

2. Social:

Advice — to relatives, 360; to patients, 379; to others, 132. Connecting with agencies, 326; with individuals, 2,005; personal services, 324.

Number of psychological tests given to juvenile delinquents, 87; to prisoners, 54; to hospital patients, 75.

V. SUPERVISION WORK:

- Number patients on visit last day previous year, 195; discharged from visit during year, 117.

Visits — to patients on ward, 422; on visit, 525; relatives or friends, 34; social agencies, 151; others, 111.

- Family care patients — Number of patients visited, 22; number patients returned, 1; boarding homes investigated, 6; Christmas boxes sent, 1.

VI. CLINIC WORK:

- Hospital clinics — Number of interviews with patients, 448; hospital patients reporting to community clinics; interviews with relatives, 26.
- School clinics — Number attended, 49; psychological tests, 359; miscellaneous work, arrangements for 23 clinics.
- Community clinics — Number attended, 126; interviews with patients, 200; interviews with others, 283.

VII. MISCELLANEOUS:

- Amount of expense account — school or community clinic work, \$75.50; hospital work, \$387.67.

2. Account of time — Number of days in hospitals, 656½; outside hospital, 719½; spent in school clinic work, 52½; community clinic work, 136.

SPECIAL FEATURES:

Lectures: — 24, Training school for nurses.

Special Studies: — Study of cases discharged from the hospital in 1920.

CONFERENCES ATTENDED:

Daily hospital conferences.

Saturday morning conferences at the State House.

Monthly conferences at the State House.

Lecture course on Child Guidance by Dr. Levy (5 lectures).

Monthly meetings of the Round Table on Psychiatric Social Work.

Meetings of Hospital Study Group — Howe's "Motives and Mechanisms of the Mind."

Two sessions of American Psychiatric Conference.

Meeting of Mental Hygiene District Committee at Medfield.

Annual meeting of the Mental Hygiene Society.

OUT-PATIENT DEPARTMENT

We have continued to maintain community clinics in Attleboro, Fall River, New Bedford and Taunton. The number of new cases in these clinics is less than last year. This has been due largely, we believe, to the lack of facilities on the part of social agencies. At times it has been found convenient to examine juvenile delinquents at the clinics. This plan, however, has interfered somewhat with the regular work and is avoided whenever possible.

Our travelling school clinic continues to examine the children referred to it by the different superintendents of schools who, for the most part, have been cooperative and helpful. Only one city in our district has failed to request that these examinations be made.

The following is a statement of the work accomplished by the different clinics:

Mental Clinics

<i>Source of Visits:</i>	<i>Number of Visits</i>
Community Welfare	9
Children's Aid Society	8
School Department	31
Society for Prevention of Cruelty to Children	7
Private physicians	18
Family Welfare Society	6
Catholic Welfare Bureau	1
Taunton State Hospital	429
Department of Public Health	4
Court (Chapter 215 cases)	51
Other sources	93
Total	657

Attleboro

<i>Total Visits:</i>		<i>New Cases:</i>	
Male	21	Male	9
Female	4	Female	3
Total	25	Total	12

Fall River

<i>Total Visits:</i>		<i>New Cases:</i>	
Male	120	Male	19
Female	75	Female	12
Total	195	Total	31

				New Bedford			
Total Visits:				New Cases:			
Male	.	.	.	229	Male	.	.
Female	.	.	.	179	Female	.	.
Total				408	Total		
				Taunton			
Total Visits:				New Cases:			
Male	.	.	.	19	Male	.	.
Female	.	.	.	10	Female	.	.
Total				29	Total		
New male cases seen				.	.	.	.
New female cases seen				.	.	.	.
Total new cases seen				.	.	.	1
Male visits to clinic				.	.	.	3
Female visits to clinic				.	.	.	2
Total visits to clinic				.	.	.	6

It will be noted that 51 of the above total of 128 were examined in the outpatient clinics according to the provisions of Chapter 215, Acts of 1931. Besides these, there were 40 others of the juvenile type, examined outside the weekly clinic. Total juvenile cases for the year, 91.

School Clinics

Number of towns visited				Male	Female	Total
<i>Examinations:</i>						
New cases				153	61	214
Old cases (re-examined)				86	35	121
Number of completed cases				335		
Number of incompleted cases				0		
Total number of cases				239	96	335
<i>Recommendations:</i>						
Institutional care				1	1	2
Special class				77	34	111
Other recommendations				161	61	222
Total number of recommendations				239	96	335

OCCUPATIONAL THERAPY

Activities of this department have been carried on under the supervision Katherine MacKenzie, Head Occupational Therapist, assisted by four aides, one physical director, and one director of music.

Occupational classes have been held on eleven wards and in the main classroom. The physical education classes have been held outdoors when the weather permitted; at other times it has been necessary to carry on the work inside. The department is somewhat handicapped because of the lack of suitable places to hold these classes in bad weather. During the summer, a few of the groups were occupied in the gardens.

It will be noticed that the work of this department has greatly expanded and it is hoped that this will continue, as the benefit derived by convalescents and those in need of re-education is beyond description. It has been found that practically all the unoccupied patients in the hospital can be helped in some way. The trial of the nurses on wards where patients are inclined to be overactive and mischievous are materially lessened. In addition to the number of hospital days that are saved I believe that the entire cost of the department is offset by the decrease in the construction of hospital property.

As previously, all recreational activities were under the supervision of the occupational therapy department. On December 12, just previous to our annual Christmas program, the play "I want a Divorce" was presented at the main hospital and at the colonies. The holiday season opened with the play entitled, "A Glorious Xmas Eve", the cast being entirely composed of patients, after which gifts for the patients were distributed by Santa Claus from the Christmas tree. Those who were unable to come to the assembly hall were given special attention in the wards. On Christmas Day, special religious services were held both morning and afternoon, and during the week following, entertainments were held at each colony and at the main hospital, closing with the Employees' New Year Ball. In all, we tried to make the Christmas season a very pleasant one for the patients and feel that our efforts were repaid. The following people very generously contributed to our Annual Christmas Fund: Mrs. P. H. Rogers, Mrs. Azelie Melancon, Mrs. Elizabeth C. M. Gifford, Mrs. O. F. Chatfield, Mr. Samuel M. Stone, Miss Nellie Hartman, Mrs. Carrie Caswell, Mr. William Cowell, Mrs. Penelope McPhee, Sarah M. Ward, Mrs. Rose Trudeau, Miss Martha West, Miss Ellen West, Mrs. Clara B. Eldridge, Mr. Louis Chabot, Emma Thompson, Mrs. Georgianna A. Hilton, Mr. J. A. Rogers, Mr. Harry Atwood, Mrs. Frank Murphy, Mrs. Lamoureux, Mrs. Cecelia Fredette, Mrs. E. Sutcliffe, Mr. Daniel Desmond, Mrs. John Yates, Mrs. Adah Anthony, Mr. John O'Hearne, Mr. A. F. Dolan, Miss Deborah Moore, Mary E. Doyle, Mrs. Joseph Donelli, Mr. & Mrs. M. Lane, Mr. Walter M. Atkinson, Craspere Martel, Mr. John Benedetti, Mrs. Mary Mehegan, Mr. Henry Southworth, Mr. Thomas Clemmey, Miss Eva J. LePage, Anna Goodwin, Mr. George Banway, Mr. Felix Pasterczyk, Mrs. Charles H. Cook, Mr. William Keiley, Miss Nellie Collins, Mr. B. Teliszewski, Mr. Joseph Waldron, Mr. Waterman, Mr. Ernest Read, Mr. Arthur Chadbourne, Mr. Andrew Mann, Mr. Harvey C. Sampson, Mr. C. E. Perry, M. E. O'Neil, Mrs. Catherine Canty, Mr. Denis Leahey, Mrs. Florence Stinton, Mr. J. W. Wickwire. Other articles such as clothing, cards, candy, etc., were contributed by the following friends: Francis D. Hines, Mrs. Mabel E. Luccarene, Mr. J. S. Radovsky, Mr. Isadore Levine, Sister Marie Winifred, F. M. M., and St. Thomas Church School. Other activities of the year follow in order of the date on which they occurred: During the month of January entertainments were curtailed, owing to the influenza epidemic.

February 14 and 15: — Valentine parties for patients and employees. The hall was suitably decorated for both occasions and refreshments were served.

March 5 — A Seth Parker Hour was presented by the Salvation Army of Taunton. Refreshments were served afterward.

March 6 — A minstrel show was presented by the Fidelia Club.

March 15 and 16 — St. Patrick's parties for patients and employees.

March 20 — Minstrel show under the auspices of the American Legion.

April 3 — Entertainment by the Fidelia Club.

April 19 — Lincoln's birthday party for patients, consisting of games, contests and dancing. Prizes were awarded and refreshments were served.

April 24 — One act comedy, "Getting George's Goat", was presented at the main hospital, the cast being composed entirely of patients. It was also presented at both colonies, and on May 11 at the Foxboro State Hospital.

May 20 — A puppet show, "School Daze", was presented by the American Legion.

May 23 and 24 — May parties for patients and employees.

July 4 — Annual Field Day. Show in the assembly hall in the afternoon. Entertainers from White's Agency, Boston Mass.

July 11 and 18 — Community Sings.

September 28 — Nurses' Graduation dance.

October 25 — Hallowe'en party for patients.

November 28 and 29 — Patients' and Employees' Thanksgiving parties.

In addition to the above, four community sings were held during the month of July, and four during the month of August. A singing contest was held on September 15 and a musical instrument contest on September 12. Whist parties were held on July 25, August 1 and September 19. Motion pictures and dances were held once a week.

The following is a report of the occupational therapy treatments during the year

Cases under treatment, first of the year	32
Cases admitted during the year	92
Cases previously treated	52
Cases not previously treated	40
Cases transferred	61
Cases discontinued	20
Cases discharged	7
Cases died	1
Cases remaining under treatment, end of the year	34
Total number of cases during the year	1,25

Articles completed by the Patients: 554 runners, 26 centerpieces, 1 chair seat, 4 chair backs, 82 doilies, 146 pillow tops, 16 pillows, 2 crocheted afhgans, 3 knotted cords, 118 face cloths, 18 knitted shoulderettes, 6 knitted scarfs, 8 handkerchiefs, 1 felt bag, 10 neckties, 6 tie backs, 2 writing paper folders, 8 embroidered squares, 192 rugs, 7 trackers, 4 handkerchief cases, 6 jigsaw puzzles, 10 waste baskets, ferneries, 34 jardineres, 20 hanging baskets, 2 work baskets, 4 flower baskets, wooden flower stand, 369 brown paper bags, 11 checkerboards, 11 pairs hand painted book ends, 165 dozen crepe paper flowers, 422 crepe paper hats, 3 hot plate mats, 1 door stop, 1 vanity set, 1 butterfly quilt.

Miscellaneous: 11 volumes of Archives of Neurology & Psychiatry, 7 volumes of American Journal of Insanity, 22 volumes of American Journal of Psychiatry, 18 volumes of American Journal of Medical Sciences, 9 volumes of the Journal of the American Medical Association, and 1 volume of the Journal of Nervous & Mental Diseases were bound; 43 bags of greens were strung; 4 pairs of curtains dyed for the hydrotherapy suite; 28 posters were made; 5 song books mended; 8,978½ lbs. beans were picked; 1,718 lbs. currants picked; 743 lbs. gooseberries picked.

At Lovering Colony the following were made: 101 runners, 10 centerpieces, 6 doilies, 7 hooked rugs.

SCHOOL OF NURSING

This department has continued to function satisfactorily under the direction of Annie A. Hall, R. N., Principal of the School of Nursing.

The enrollment of the school is as follows: 14 seniors, 10 intermediates, 8 preliminary students, 6 post-graduates and 6 affiliate nurses.

Graduation exercises were held on September 29, 1933 when 12 students received their diplomas. Prizes were awarded for general merit and for the best theme in Psychiatric Nursing, the winners being Miss Susan Kane, Miss Anna Spina and Miss Marguerite Farrell.

Eight students completed the six months postgraduate course and 32 students completed the affiliation course. Classes in practical nursing were given to attendant nurses.

The affiliation with the school of the Henrietta Goodall Hospital, Sanford, Maine, was terminated on November 1, 1933 because of the discontinuance of the training school.

An effort has been made to conform with the maximum curriculum as recommended by the National League of Nursing Education, and to increase the facilities for practical experience. This has necessitated more time for class work and extra time for study. In order to do this and at the same time provide adequate nursing care to the patients, the remuneration to student nurses was reduced to ten dollars monthly, and more graduate and attendant nurses have been employed. At the present time this is in an experimental stage, but the results to the student and to the hospital promise to be very much worth while.

The school is sincerely appreciative of the interest and willingness shown by the members of the medical staff and other departments when called upon to give lecture courses and other help to the students.

RELIGIOUS SERVICES

Catholic, Protestant and Jewish services have been held at the hospital on Sundays as in previous years. Religious services have also been conducted at each of our colonies. The music for these services has been furnished by our musical

ector and the choir, composed of patients. The different clergymen have made numerous sick calls during the year, and we have always found them ready and willing to serve at any time. The Jewish patients meet with Rabbi Jonas Kamin for their weekly services.

The following clergymen have assisted us during the year: Reverends Frederick Alden, W. E. Cross, Linton Dwyer, John Findlay, Erastus Green, Cyril Hartman, Charles Martin, Francis A. McCarthy, Francis Maloney, H. M. Medary, Douglas Swaffield, M. P. Tobey.

LIBRARY

The plan of eliminating from the library all so-called "deadwood" has been continued this year in discarding, for the most part, bound volumes of old magazines, chiefly English, without illustrations and containing almost exclusively articles of interest only to readers at the time of publication; also, a number of duplicates of popular novels have been removed from the active shelves and are being held in reserve to replace any lost or worn-out copy. This leaves the library with a smaller total of books than last year, but this total consists almost wholly of books of vital interest and gives a margin for increase with books of current value until a fixed total of 6,500 volumes, (actual amount of shelf room) is reached; then, the process of elimination will be renewed with books that have lost their interest and value.

Books are now going at regular intervals to all the wards of the male and female divisions where the patients care for reading, making a total of 12 wards in all.

Total number of books, November 30, 1933.	5,894
Additions by gift	110
Additions by purchase	382
Employees' library cards.	104
Total yearly circulation	7,999

The following persons contributed to our library during the year: Mrs. Mary Jesse, Dr. William F. Wyatt, Mrs. M. Morse, Mr. A. C. Bent, Mrs. George H. Burt, Mrs. John J. Mansfield, Mrs. Roger G. Witherell, Mr. F. H. Bradford, Mrs. J. P. Brown, Mr. Thomas W. Smith, Miss Catherine Smith, Mr. Charles C. Cain, Mrs. Catherine Simmons, Mr. Samuel Stone, Miss A. E. Bragg, Mr. Joseph Fitton, Mrs. Elizabeth C. M. Gifford, Miss Bertha Washburn, Mrs. Richard Southworth, Mr. Hastings, Mr. M. W. Wright, Mrs. A. E. Robinson, Mr. Ralph Davol, Mrs. H. De, Mrs. Mildred DeMone, Mrs. John Clift, Mr. Fred Green, Mrs. Catherine Manus, Mrs. C. R. Black, Mrs. F. O'Keefe, Mr. George Rowland.

FARM

This department has continued to function satisfactorily under the supervision of our head farmer, Fred Gullon. The past year has been noted for its large rain; in fact, the weather bureau reports that it was the wettest year for many years. This has resulted in our tomato crop being destroyed by blight and our potato crop being reduced materially by rotting. Aside from this our crops were satisfactory, however, and we have an ample supply of most of the vegetables in storage.

The projected root cellar mentioned in last year's report has not been built, and many of our vegetables are being stored in undesirable and inadequate places. We hope it will not be long before this situation is remedied.

Considerable land was cleared at the Borden Colony. This will increase our total acreage, and make possible more rotation of crops together with an increase in the amount of clover hay produced. It is our ambition to produce all the hay consumed by our animals as well as the farm and garden products used by the hospital. This, we believe, can be accomplished when the land at the Borden Colony has been made tillable.

The production of our herd has fallen off some during the past year, due to the fact that a number of cows have suffered from contagious abortion. As soon as this condition was discovered, we sought the advice of E. H. Forristall, Farm Supervisor, and we hope that the measures which have been taken will serve to control the situation.

The percentage of butterfat has continued to be about 4%. The production of milk has continued to increase, and this year shows a gain of approximately 15% over last year. We do not believe that the maximum has been reached and we are

endeavoring to produce more in the coming year. This, we think, will be possible as the inventory at the end of the year was entirely satisfactory.

The poultry department has supplied us with a large amount of fresh poultry and eggs, and the profits shown at the end of the year were quite satisfactory. It is interesting to note that this department is cared for by patients under the supervision of an assistant head farmer. We do not employ a poultryman.

We have continued our efforts to produce more fruit, and during the past year we set out an acre of grapes, 2 acres of strawberries, and replacements where necessary were made in the orchards. Our young apple orchard bore its first fruit this year, the quality being excellent. We believe that the production of fresh fruit is most important as it is not possible to purchase any great amount of it because of the expense.

Our asparagus and rhubarb beds were renewed during the year, this being necessary because of the building of the superintendent's house.

Our nursery produced many ornamental shrubs and trees, and as a result, it has been possible to extend our landscaping considerably. Much valuable work has been done on our shade trees. The greenhouse has continued to supply us with potted plants and cut flowers.

The production of the farm follows:

(In pounds) 732,080 ensilage, 56,750 millet, 1,520 green feed, 25,360 field corn, 201,230 hay, 304,170 green hay, 208,000 mangels, 1,465 apples (1st), 2,655 apple (2nd), 718 $\frac{3}{4}$ currants, 1,087 grapes, 3 pears, 308 quinces, 1,088 $\frac{3}{4}$ blackberries, 74 gooseberries, 11,054 strawberries, 177 $\frac{1}{2}$ raspberries, 1,781 asparagus, 23,488 string beans, 32,399 beets, 2,139 beet greens, 761 broccoli, 771 brussels sprouts, 65,553 cabbage, 1,329 cantaloupes, 47,677 carrots, 6,645 celery, 15,502 Swiss chard, 19,914 sweet corn, 12,979 cucumbers, 627 dandelions, 3,862 egg plant, 3,436 kohlrabi, 425 leek, 6,429 lettuce, 165 mangle greens, 39,666 onions, 36,309 parsnips, 775 green peas, 1,028 peppers, 9,011 pumpkins, 3,613 radishes, 3,917 rhubarb, 4,900 spinach, 12,682 summer squash, 55,097 winter squash, 14,757 green and ripe tomatoes, 26,632 turnips, 6,660 turnip greens, 635,315 milk, 10,084 beef, 1,653 liver, 81,860 pork, 5,501 fowl, 170 chicken, 2,836 broilers, 162,314 potatoes, 15,280 2/12 dozen eggs.

INDUSTRIAL DEPARTMENT

This department has been conducted in an efficient manner by our steward during the past year. Employment has been furnished to a great number of patients who have been able to supply us with a greater part of the clothing, furniture and household equipment. Only one visit to our shop is necessary in order to observe the benefit to the patients working there, and the ease with which they turn out the products they manufacture. We are doing everything possible to extend the activities of this department by finding new lines of endeavor.

Furniture Shop

Manufactured: — 24 basket boxes, 2 book cases, 1 walker for female infirmaries, 4 ferneries, 1 altar.

Repaired: — 484 chairs, 6 wardrobes, 47 bureaus, 113 tables, 4 beds, 2 mirrors, 1 piano stool, 12 desks, 8 benches, 2 organs, 5 commodes.

Industrial Shop

Manufactured: — 697 mattresses, 433 pillows, 690 brooms, 29 covers, 4 canisters, 17 wreaths, 2 wire shields, 54 metal partitions, 7 pails, 1 disc, 1 scoop, 56 brushes, 2 tin table tops, 12 ventilators, 7 pans, 1 funnel, 6 containers, 187 mops, 63 shades, 2 metal boxes, 16 steamers, 2 furnace pipes, 324 metal fetters, 1 metal hood, 1 metal coal hods.

Repaired: — 24 boilers, 83 racks, 289 pots, 23 pans, 65 cans, 30 covers, 7 basket boxes, 3 hods, 64 brushes, 19 clocks, 26 pails, 1 sink board, 8 colanders, 14 dispensers, 93 shades, 11 strainers, 3 drawers, 1 dictaphone, 3 eggbeaters, 1 hamper, 6 chairs, 13 containers, 3 tubs, 2 book folders, 1 percolator, 2 urns, 13 sprayers, 3 hanging signs, 1 polisher, 6 pitchers, 2 dippers, 1 heater, 38 cues, 1 headlight, 6 mop wringers, 1 tank, 8 diet tins, 1 metal fly catcher, 3 table leg collars, 1 iron chest, 1 pair pumps, 1 screen, 1 manure carrier, 1 freezer.

Upholstered: — 5 sofas, 36 chairs, 49 cushions, 1 stool, 3 day beds, 1 hassock.

Caned: — 64 chairs.

Tailor Shop

Manufactured: — 360 suits, 285 pairs pants, 51 white coats, 41 pairs white pants, 3 vests, 139 rag rugs, 115 bathrobes, 85 coats, 81 overall suits, 6 bags, 1 cloth case for guitar, 501 yds. toweling, hoods for 3 jumpers.

Repaired: — 2 dresses, 1 truck canvas, 15 laundry baskets, 2 pair baseball trousers, 1 canvas cover.

Pressed: — 1,269 suits; *Cleaned:* — 95 hats; *Repaired and pressed:* — 13 coats; *Cleaned and pressed:* — 112 dresses, 4,435 suits, 12 sweaters, 5 coats, 1 bathrobe, 10 neckties, 4 shoulderettes; *Cleaned and blocked:* — 124 hats.

Miscellaneous: — 495 grummets put on towels, 14 grummets put on bags, 33 grummets put on tub covers, 1 art square bound, 3 rugs rebound.

Shoe Shop

Manufactured: — 472 prs. men's shoes, 159 prs. women's shoes, 106 prs. slippers, leather apron, 6 straps.

Repaired: — 4 leather aprons, 14 pairs baseball shoes, 252 pairs rubber heels, 77 pairs rubber lifts, 425 pairs leather heels, 413 pairs nailed taps, 793 pairs sewed taps, 323 rips sewed up, 524 pairs uppers patched, 292 pairs soles patched, 307 pairs heel linings put in, 119 pairs straps, 1 leather case, 4 pool table runners, 3 picnic bags, 2 ball gloves.

Sewing Room

Manufactured: — 12 abdominal binders, 510 aprons, 10 awnings, 36 bed screen covers, 6 bed jackets, 72 bed pan covers, 42 bibs, 1 black muslin cover for laboratory, 100 hemmed blankets, 101 blankets tagged, 2 pair bloomers, 115 pairs booties, 6 women's B. V. D., 108 chair backs for cafeteria, 13 chair cushions, 6 coffee bags, 48 pairs curtains, 98 pairs sash curtains, 480 draw sheets, 109 dresses, 4 pairs door curtains, 733 face cloths, 192 formentation cloths, 12 gowns, 357 handkerchiefs, 18 hammocks, 108 cafeteria head bands, 126 hoods, 150 Hoover dresses, 8 ice bag covers, 391 ward laundry bags, 114 employees' laundry bags, 129 mattress ticks, 306 men's shorts, 108 kitchen mittens, 11,298 cafeteria napkins, 656 women's night dresses, 288 men's night dresses, 11 pairs overdresses, 133 pack sheets, 9 pajama jackets, 119 pajama pants, 72 pan holders, 28 cretonne pillow covers, 752 pillow slips, 1 scarf, 46 screen covers, 2,298 sheets, 700 men's shirts, 171 shroud sheets, 24 shroud squares, 438 men's sick shirts, 318 women's sick shirts, 1 silence cloths, 60 women's slips, 107 sofa pillows, 24 male T binders, 24 female binders, 84 table cloths, 290 pairs tiebacks, 4,655 towels, 54 tub covers, 120 utility cases, 174 valances.

At Lovering Colony, the following articles were made: — 118 aprons, 15 prs. curtains, 25 prs. sash curtains, 240 laundry bags, 103 kitchen mittens, 1,615 napkins for cafeteria, 128 women's night dresses, 103 men's night shirts, 4 pan holders, 12 shawl slips, 38 puffs tied, 2 silk puffs, 666 sheets, 112 shroud sheets, 6 shroud squares, 24 women's sick shirts, 12 men's sick shirts, 28 women's slips, 137 prs. stockings, 12 table cloths, 6 prs. tie backs, 383 towels.

Mending Room

Repaired: — 1,770 aprons, 141 bathrobes, 20 bed pan covers, 744 bibs, 533 blankets, 927 B. V. D., 49 caps, 537 coats, 2 prs. corsets, 91 curtains, 1,578 drawers, 624 dresses, 87 gowns, 3,078 laundry bags, 81 mattress covers, 330 mattress ticks, 320 napkins, 13,220 night dresses, 254 overalls, 73 prs. pants, 433 pillow tops, 6 pillow ticks, 42 puffs, 3 rugs, 3 scarfs, 4 shawls, 2,099 sheets, 4,676 shirts, 73 slips, 301 spreads, 14,727 stockings, 32 sweaters, 65 tablecloths, 1,959 towels, 1 tray cloths, 1,412 tub covers, 1,084 unionsuits, 18 utility cases.

REPAIRS ORDINARY

It has been possible to accomplish a great deal of work with the money appropriated under this heading during the past year as our mechanics were not occupied to any great extent on work incident to appropriations under other headings.

In addition to a large amount of interior decorating, outdoor painting, plumbing, amfitting, etc., time has been found to install a new lavatory, bathroom and living room in the brick cottage at the Borden Colony, and a two room suite which bath has been completely renovated, including new floors, plaster, etc., in the Leonard Cottage. This will be occupied by the supervisor there.

A number of park bench supports and fence posts have been manufactured of cement.

A section of the store house which had settled was jacked up and a new foundation installed. This also required the installation of a new floor in the room where the settlement had occurred.

Female ward 7 was thoroughly renovated; a new ceiling of plaster on wire lath was installed, as well as a cement floor covered with linoleum in some rooms and terrazzo in others; the woodwork was also replaced where necessary and the entire ward was given a complete coat of new paint.

REPAIRS AND RENEWALS

Appropriation under this heading was much smaller this year than usual but despite this fact the following improvements were accomplished:

A new feed water pump was installed in the boiler room, replacing the old one which had been in poor condition for some time.

A new metal top table with pot rack was purchased for each of the kitchens at the Lovering and Borden Colonies.

Further improvement of the heating system at the main hospital was accomplished, and there now remains but little to do under this plan.

A linoleum floor was installed in female wards 2 and 7.

New aluminum food containers were purchased for the infirmaries. This will make possible more satisfactory transportation to these buildings.

A refrigerating unit was purchased for the dairy. This will eventually make possible the discontinuance of the use of ice there. It will also enable us to cool our milk much quicker, a thing which is very desirable.

The sum appropriated for the renovation of ceilings was used with the approval of the Department for the purpose of installing terrazzo floors in female ward which was thoroughly renovated during the year.

Fire alarm lines were installed underground in the vicinity of the employee home and the farm buildings.

On December 6, 1932 a fire in the nurses' home caused damages to the extent of \$1,968. This has been fully repaired, and was charged to this heading.

The following items were placed in our budget estimates for the year 1934:

Hot water heater and storage tank	\$1,075
Steam boiler and dairy equipment	3,500
Extension of street lights	350
Fire protection	1,270
Laundry chute	425
Power mower	350
Improvement to heating system	300
Sidewalks and road construction	500
Pressure water cooler	265
Renovation ceilings	500
Linoleum	1,000
Friolator	265
Mixer, Lovering and Borden Colonies	350
Canning room equipment	400

\$10,550

ACKNOWLEDGEMENT

In conclusion, I wish to express my appreciation to the various people who have made donations during the past year, and also to the organizations and societies who have aided in the entertainment of our patients.

I am extremely grateful to the members of your Board for their unfailing interest and advice.

To all the employees, I wish to express my appreciation for the part they have played in accomplishing this year's work.

Respectfully submitted,

RALPH M. CHAMBERS, M.D.

Superintendent

VALUATION

November 30, 1933
REAL ESTATE

and, 456 acres	\$63,000.00
buildings	1,175,127.29
	<hr/>
	\$1,238,127.29

PERSONAL PROPERTY

Travel, transportation and office expenses	\$4,699.03
Food	14,595.73
Clothing and materials	22,546.98
Furnishings and household supplies	120,351.82
Medical and general care	16,789.89
Heat and other plant operation	5,480.10
Farm	46,158.00
Garage and grounds	5,331.70
Repairs	9,945.63
	<hr/>
	\$245,898.88

SUMMARY

Real estate	\$1,238,127.29
Personal property	245,898.88
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	\$1,484,026.17

FINANCIAL REPORT

To the Department of Mental Diseases:

I respectfully submit the following report of the finances of this institution for the fiscal year ending November 30, 1933.

STATEMENT OF EARNINGS

Board of patients	\$58,401.66
Personal Services:	
Reimbursement from Board of Retirement	186.21
Sales:	
Travel, transportation and office expenses	\$62.00
Food	63.46
Clothing and materials	63.81
Furnishings and household supplies	9.47
Medical and general care	5.50
Heat and other plant operation	38.84
Garage and grounds . . . . .	.70
Repairs ordinary	123.07
Repairs and renewals	—
Arts and crafts sales	—
Misc. junk	—
Farm (itemize) cows, \$91.00; pigs, \$60.00; hides and green bones, \$30.06; sundries, \$37.98	219.04
	<hr/>
Total sales	\$585.89
Miscellaneous:	
Rents — garage	\$832.00
Interest on bank balances	262.10
Rents — house and room	570.00
Sundries	42.38
Board of employees	270.00
	<hr/>
Total, miscellaneous	1,976.48
	<hr/>
Total earnings for year	\$61,150.24

MAINTENANCE APPROPRIATION

Balance from previous year, brought forward	\$24,867.41
Appropriation, current year	459,900.00
	<hr/>
Total	\$484,767.41

Expenditures as follows:

Personal services	\$276,292.38
Food	63,342.38
Medical and general care	9,199.58
Religious instruction	1,861.50
Farm	22,123.43
Heat and other plant operation	36,314.00
Travel, transportation and office expenses	5,097.04
Garage and grounds	3,453.99
Clothing and materials	10,141.00
Furnishings and household supplies	19,608.10
Repairs ordinary	12,317.65
Repairs and renewals	4,886.87
	<hr/>
Total maintenance expenditures	\$464,637.92

Balance of maintenance appropriation, Nov. 30, 1933	\$20,129.49
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SPECIAL APPROPRIATIONS

Balance December 1, 1932, brought forward	\$26,892.15
Appropriations for current year	—
	<hr/>
Total	\$26,892.15

Expended during the year (see statement below)	\$12,122.37	
Reverting to Treasury of Commonwealth	395.72	
(Star balances below that are reverting)		12,518.0
Balance November 30, 1933, carried to next year		\$14,374.0

APPROPRIATION	Act or Resolve Ch. Year	Total Am't. Appropriated	Expended during Fiscal Year	Total Expended to Date	Balance at End of Year
Officer's Cottages	115-1930 14-1931	\$9,000.00	—	\$8,996.79	\$3.21
Superintendent's house	115-1930 170-1932	21,000.00	\$6,584.61	6,625.94	14,374.06
Purchase of sprinklers	245-1931	8,000.00	889.29	7,969.40	30.60
Furnishings for officer's cottage	245-1931	1,500.00	—	1,490.37	9.63
New boilers	245-1931	45,000.00	4,648.47	44,647.72	352.28
		\$84,500.00	\$12,122.37	\$69,730.22	\$14,769.78

PER CAPITA

During the year the average number of patients has been 1,551.74.

Total cost of maintenance, \$464,637.92.

Equal to a weekly per capita cost of (52 weeks to year), \$5.7583.

Total receipts for the year, \$61,150.24.

Equal to a weekly per capita of \$.7581.

Total net cost of maintenance for year (Total maintenance less total receipts) \$403,467.68.

Net weekly per capita, \$.50002.

Respectfully submitted

YVONNE B. PATENAUE,

Treasurer

STATISTICAL TABLES

AS ADOPTED BY THE AMERICAN PSYCHIATRIC ASSOCIATION PRESCRIBED BY THE
MASSACHUSETTS DEPARTMENT OF MENTAL DISEASES

TABLE 1. General Information

Data correct at end of hospital year November 30, 1933

1. Date of *opening* as a hospital for mental diseases, 1854
2. Type of hospital: State.
3. Hospital plant:
 - Value of hospital property:
 - Real estate, including buildings \$1,238,127.2
 - Personal property 245,898.8
 - Total \$1,484,026.1
 - Total acreage of hospital property owned, 456
 - Total acreage under cultivation during previous year, 176%

	Actually in Service at End of Year			Vacancies at End of Year		
	M.	F.	T.	M.	F.	T.
Superintendents	1	—	1	—	—	—
Assistant physicians	8	1	9	—	—	—
Total physicians	9	1	10	—	—	—
Stewards	1	—	1	—	—	—
Resident dentists	—	—	—	1	—	—
Pharmacists	—	1	1	—	—	—
Graduate nurses	3	19	22	—	1	—
Other nurses and attendants	84	87	171	—	5	—
Occupational therapists	—	3	3	—	—	—
Social workers	—	3	3	—	—	—
All other officers and employees	58	39	97	4	3	—
Total officers and employees	155	153	308	5	9	14

NOTE: — The following item, 5-10, inclusive, are for the year ended September 30, 1933.

	Actually in Hospital			Absent from Hospital but Still on Books		
	M.	F.	T.	M.	F.	T.
WHITE						
Insane	736	735	1,471	92	94	186
Epileptics	—	—	—	1	—	—
All other cases	1	1	2	—	1	—
Total	737	736	1,473	93	95	186
OTHER RACES:						
Insane	18	16	34	1	3	—
Total	18	16	34	1	3	—
Grand Total	755	752	1,507	94	98	190

	Males	Females	Total
Patients under treatment in occupational-therapy classes, including physical training, on date of report	73	186	259
Other patients employed in general work of hospital on date of report	400	275	675
Average daily number of all patients actually in hospital during year	773.0262	786.3813	1,559.4075
Voluntary patients admitted during year	6	5	11
Persons given advice or treatment in out-patient clinics during year.	158	96	254

TABLE 2. *Financial Statement*

See Treasurer's report for data requested under this table.

NOTE: — The following tables 3-20, inclusive, are for the Statistical year ended September 30, 1933.

TABLE 3. *Movement of Patient Population*

	REGULAR COURT COMMITMENT (INSANE)			VOLUNTARY			TEMPORARY CARE			OBSERVATION			TOTAL ON BOOKS		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Patients on books of institution September 30, 1932	832	858	1,690	2	2	4	1	—	1	6	5	11	841	865	1,706
Admissions during year:															
First admissions	172	145	317	4	3	7	16	4	20	32	9	41	224	161	385
Readmissions	37	40	77	2	2	4	4	—	4	4	4	8	47	46	93
Transfers from other hospitals for mental diseases	4	1	5	—	—	—	—	—	—	—	—	—	4	1	5
Total received during year	213	186	399	6	5	11	20	4	24	36	13	49	275	208	483
Total on books during year	1,045	1,044	2,089	8	7	15	21	4	25	42	18	60	1,116	1,073	2,189
Discharged from books during year:															
As recovered	32	28	60	—	1	1	4	—	4	18	2	20	54	31	85
As improved	38	33	71	2	2	4	3	2	5	2	2	4	45	39	84
As unimproved	2	4	6	—	—	—	2	—	2	2	1	3	6	5	11
As without psychosis	—	1	1	3	1	4	6	—	6	11	7	18	20	9	29
Transferred to other hospitals for mental diseases	37	65	102	—	—	—	—	—	—	—	—	—	37	65	102
Died during year	95	70	165	—	—	—	6	2	8	4	2	6	105	74	179
Total discharged, transferred and died during year	204	201	405	5	4	9	21	4	25	37	14	51	267	223	490
Insane patients remaining on books of hospital at end of hospital year:															
In hospital	748	747	1,495	2	2	4	—	—	—	5	3	8	755	752	1,507
On parole or otherwise absent	93	96	189	1	1	2	—	—	—	—	1	1	94	98	192
Total	841	843	1,684	3	3	6	—	—	—	5	4	9	849	850	1,699

TABLE 4. *Nativity of First Admissions and of Parents of First Admissions*

NATIVITY	PATIENTS			PARENTS OF MALE PATIENTS			PARENTS OF FEMALE PATIENTS		
	M.	F.	T.	Fathers	Mothers	Both Parents	Fathers	Mothers	Both Parents
United States	104	76	180	58	56	48	41	41	35
Algeria	1	1	2	1	1	1	—	—	—
Canada ¹	19	18	37	33	28	25	24	25	22
Denmark	1	—	1	1	—	—	—	—	—
France	9	10	19	15	14	12	16	16	13
Germany	3	1	4	3	3	3	1	1	1
Italy	1	—	1	1	2	1	—	—	—
Netherlands	1	2	3	1	1	1	2	2	2
Sweden	—	—	—	1	—	—	—	—	—
Spain	10	13	23	20	22	18	19	18	16
Switzerland	1	3	4	1	1	1	5	5	5
Philippine Islands	—	1	1	—	—	—	—	—	—
Portugal	3	2	5	3	3	3	5	5	5
Russia	13	12	25	18	19	18	17	15	15
Sweden	—	1	1	—	—	—	2	2	2
Switzerland	1	1	2	3	3	3	1	1	1
South America	—	—	—	—	1	—	—	—	—
Denmark	1	2	3	3	1	1	2	2	2
East Indies ²	1	—	1	1	1	1	—	—	—
Other countries	3	2	5	5	5	5	3	3	3
Unascertained	—	—	—	4	11	3	7	9	6
Total	172	145	317	172	172	144	145	145	128

¹Includes Newfoundland.²Except Cuba and Porto Rico.

TABLE 5. *Citizenship of First Admissions*

	Males	Females	Total
Citizens by birth	104	76	180
Citizens by naturalization	32	29	61
Citizens	29	32	61
Citizenship unascertained	7	8	15
Total	172	145	317

TABLE 6. *Psychoses of First Admissions*

PSYCHOSES	M.	F.	T.	M.	F.	T.
Traumatic psychoses				2	—	2
Senile psychoses				17	25	42
Psychoses with cerebral arteriosclerosis				40	26	66
General paralysis				21	7	28
Psychoses with cerebral syphilis				—	—	—
Psychoses with Huntington's chorea				2	—	2
Psychoses with brain tumor				—	—	—
Psychoses with other brain or nervous diseases, total				2	3	5
Paralysis agitans	1	—	1			
Other diseases	1	3	4			
Alcoholic psychoses, total				20	1	21
Delirium tremens	2	—	2			
Korsakow's psychosis	4	1	5			
Acute hallucinosis	5	—	5			
Other types, acute or chronic	9	—	9			
Psychoses due to drugs and other exogenous toxins, other exogenous toxins				—	1	1
Psychoses with pellagra				—	—	—
Psychoses with other somatic diseases, total				1	7	8
Post-infectious psychosis	—	1	1			
Other diseases or conditions	1	6	7			
Manic-depressive psychoses, total				8	14	22
Manic-type	4	4	8			
Depressive type	4	7	11			
Other types	—	3	3			
Involution melancholia				2	10	12
Dementia praecox (schizophrenia)				32	35	67
Paranoia and paranoid conditions				7	3	10
Epileptic psychoses				2	3	5
Psychoneuroses and neuroses, total				6	3	9
Hysterical type	2	—	2			
Psychasthenic type (anxiety and obsessive forms)	—	2	2			
Neurasthenic type	4	—	4			
Other types	—	1	1			
Psychoses with psychopathic personality				1	—	1
Psychoses with mental deficiency				8	6	14
Undiagnosed psychoses				—	—	—
Without psychosis, total				1	1	2
Mental deficiency without psychosis	—	1	1			
Others	1	—	1			
Total				172	145	317

TABLE 7. *Race of First Admissions Classified with Reference to Principal Psychoses*

RACE	Total			Traumatic			Senile			With cerebral arterio-sclerosis	
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.
African (black)	7	2	9	—	—	—	—	—	—	—	—
American Indian	—	1	1	—	—	—	—	—	—	—	1
Armenian	—	1	1	—	—	—	—	—	—	—	—
English	63	53	116	1	—	1	12	17	29	18	12
Finnish	3	1	4	—	—	—	—	—	—	—	—
French	24	15	39	—	—	—	1	1	2	5	1
German	1	2	3	—	—	—	—	1	1	1	—
Hebrew	—	2	2	—	—	—	—	—	—	—	—
Irish	22	20	42	1	—	1	3	3	6	8	4
Italian ¹	1	5	6	—	—	—	—	—	—	—	—
Lithuanian	2	—	2	—	—	—	—	—	—	—	—
Portuguese	13	15	28	—	—	—	—	1	1	1	2
Scandinavian ²	3	2	5	—	—	—	—	—	—	2	1
Scotch	2	3	5	—	—	—	1	—	1	—	2
Slavonic ³	2	5	7	—	—	—	—	—	—	—	—
Spanish-American	1	—	1	—	—	—	—	—	—	—	—
Syrian	3	2	5	—	—	—	—	1	1	—	—
Welsh	1	—	1	—	—	—	—	—	—	1	—
Other specific races	1	—	1	—	—	—	—	—	—	—	—
Mixed	23	16	39	—	—	—	—	1	1	4	3
Total	172	145	317	2	—	2	17	25	42	40	26

TABLE 7. *Race of First Admissions Classified with Reference to Principal Psychoses — Continued*

RACE	General paralysis			With Huntington's chorea			With other brain or nervous diseases			Alcoholic			Due to drug and other exogenous toxins	
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.
African (black)	4	—	4	—	—	—	—	—	—	—	—	—	—	—
American Indian	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Armenian	—	—	—	—	—	—	—	—	—	—	—	—	—	—
English	8	2	10	—	—	—	1	2	3	6	1	7	—	1
Finnish	—	—	—	—	—	—	—	—	—	2	—	2	—	—
French	5	3	8	—	—	—	—	—	—	5	—	5	—	—
German	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hebrew	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Irish	1	1	2	—	—	—	—	—	—	3	—	3	—	—
Italian ¹	—	1	1	—	—	—	—	—	—	—	—	—	—	—
Lithuanian	—	—	—	—	—	—	—	—	—	2	—	2	—	—
Portuguese	1	—	1	—	—	—	—	—	—	1	—	1	—	—
Scandinavian ²	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Scotch	—	—	—	1	—	1	—	—	—	—	—	—	—	—
Slavonic ³	—	—	—	—	—	—	1	—	1	—	—	—	—	—
Spanish-American	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Syrian	1	—	1	—	—	—	—	—	—	—	—	—	—	—
Welsh	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other specific races	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mixed	1	—	1	1	—	1	—	1	1	1	—	1	—	—
Total	27	7	28	2	—	2	2	3	5	20	1	21	—	1

¹Includes "North" and "South".

²Norwegians, Danes and Swedes.

³Includes Bohemian, Bosnian, Croatian, Dalmatian, Herzegovinian, Montenegrin, Moravian, Polish, Russian, Ruthenian, Servian, Slovak, Slovenian.

TABLE 7. *Race of First Admissions Classified with Reference to Principal Psychoses — Continued*

RACE	With other somatic diseases			Manic- depressive			Involutionn melancholia			Dementia praecox			Paranoid and paranoid conditions		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
African (black)	—	—	—	1	—	1	—	—	—	1	2	3	—	—	—
American Indian	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Armenian	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
English	—	1	1	3	5	8	2	—	2	6	9	15	1	2	3
Finnish	—	—	—	1	—	1	—	—	—	—	1	1	—	—	—
French	—	—	—	1	—	1	—	1	1	3	6	9	2	—	2
German	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Irish	—	—	—	—	—	—	—	1	1	—	1	1	—	—	—
Italian	1	1	2	1	2	3	—	4	4	2	4	6	—	1	1
Japanese	—	—	—	—	—	—	—	1	1	1	3	4	—	—	—
Portuguese	—	—	—	—	5	5	—	2	2	5	3	8	2	—	2
Scandinavian ²	—	—	—	—	1	1	—	—	—	—	—	—	—	—	—
Swedish	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Swiss	—	1	1	—	—	—	—	—	—	1	2	3	—	—	—
Spanish-American	—	—	—	—	—	—	—	—	—	1	—	1	—	—	—
Irish-American	—	—	—	—	—	—	—	—	—	2	1	3	—	—	—
Polish	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other specific races	—	—	—	—	—	—	—	—	—	—	—	—	1	—	1
Total	—	4	4	1	1	2	—	1	1	10	3	13	1	—	1
Total	1	7	8	8	14	22	2	10	12	32	25	67	7	3	10

TABLE 7. *Race of First Admissions Classified with Reference to Principal Psychoses — Concluded*

RACE	Epileptic psychoses			Psycho- neuroses and neuroses			With psychopathic personality			With mental deficiency			Without psychoses		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
African (black)	—	—	—	1	—	1	—	—	—	—	—	—	—	—	—
American Indian	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Armenian	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—
English	1	—	1	2	—	2	—	—	—	2	1	3	—	—	—
Finnish	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
French	—	—	—	1	1	2	—	—	—	1	2	3	—	—	—
German	—	—	—	—	1	1	—	—	—	—	—	—	—	—	—
Irish	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Italian	1	—	1	1	—	1	—	—	—	—	—	—	—	—	—
Japanese	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Portuguese	—	—	—	—	1	1	—	—	—	3	1	4	—	—	—
Scandinavian ²	—	—	—	—	—	—	—	—	—	1	—	1	—	—	—
Swedish	—	—	—	—	—	—	—	—	—	—	1	1	—	—	—
Swiss	—	—	—	—	—	—	—	—	—	—	1	1	—	1	1
Spanish-American	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Irish-American	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Polish	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other specific races	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	2	2	1	—	1	1	—	1	1	—	1	1	—	1
Total	2	3	5	6	3	9	1	—	1	8	6	14	1	1	2

¹Includes "North" and "South".²Norwegians, Danes and Swedes.³Includes Bohemian, Bosnian, Croatian, Dalmatian, Herzegovianin, Montenegrin, Moravian, Polish, Rumanian, Ruthenian, Servian, Slovak, Slovenian.

TABLE 8. *Age of First Admissions Classified with Reference to Principal Psychoses*

PSYCHOSES	Total			Under 15 years			15-19 years			20-24 years	
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.
1. Traumatic	2	—	2	—	—	—	—	—	—	—	—
2. Senile	17	25	42	—	—	—	—	—	—	—	—
3. With cerebral arteriosclerosis	40	26	66	—	—	—	—	—	—	—	—
4. General paralysis	21	7	28	—	—	—	—	—	—	—	1
5. With cerebral syphilis	—	—	—	—	—	—	—	—	—	—	—
6. With Huntington's chorea	2	—	2	—	—	—	—	—	—	—	—
7. With brain tumor	—	—	—	—	—	—	—	—	—	—	—
8. With other brain or nervous diseases	2	3	5	—	—	—	—	—	—	—	—
9. Alcoholic	20	1	21	—	—	—	—	—	—	—	—
10. Due to drugs and other exogenous toxins	—	1	1	—	—	—	—	—	—	—	—
11. With pellagra	—	—	—	—	—	—	—	—	—	—	—
12. With other somatic diseases	1	7	8	—	—	—	—	—	—	—	—
13. Manic-depressive	8	14	22	—	—	—	—	1	1	—	1
14. Involution melancholia	2	10	12	—	—	—	—	—	—	—	—
15. Dementia praecox	32	35	67	1	—	1	2	3	5	9	2
16. Paranoia and paranoid conditions	7	3	10	—	—	—	—	—	—	—	—
17. Epileptic psychoses	2	3	5	—	—	—	—	1	1	—	—
18. Psychoneuroses and neuroses	6	3	9	—	—	—	—	—	—	1	—
19. With psychopathic personality	1	—	1	—	—	—	—	—	—	—	—
20. With mental deficiency	8	6	14	—	—	—	2	—	2	1	2
21. Undiagnosed psychoses	—	—	—	—	—	—	—	—	—	—	—
22. Without psychosis	1	1	2	—	—	—	—	1	1	—	—
Total	172	145	317	1	—	1	4	6	10	11	6

TABLE 8. *Age of First Admissions Classified with Reference to Principal Psychoses — Continued*

PSYCHOSES	25-29 years			30-34 years			35-39 years			40-44 years			45-49 years	
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.
1. Trumatic	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2. Senile	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3. With cerebral arteriosclerosis	—	—	—	—	—	—	—	—	—	—	—	—	2	2
4. General paralysis	1	—	1	—	—	—	3	1	4	5	—	5	5	2
5. With cerebral syphilis	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6. With Huntington's chorea	—	—	—	—	—	—	—	—	—	—	—	—	—	—
7. With brain tumor	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8. With other brain or nervous diseases	—	—	—	—	1	1	—	—	—	1	—	1	—	—
9. Alcoholic	2	—	2	1	—	1	3	—	3	1	—	1	5	—
10. Due to drugs and other exogenous toxins	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11. With pellagra	—	—	—	—	—	—	—	—	—	—	—	—	—	—
12. With other somatic diseases	—	—	—	—	2	2	—	1	1	—	1	1	1	1
13. Manic-depressive	1	—	1	1	—	1	—	5	5	2	1	3	1	2
14. Involution melancholia	—	—	—	—	—	—	—	—	—	—	2	2	—	3
15. Dementia praecox	4	4	8	6	6	12	3	6	9	2	8	10	1	1
16. Paranoia and paranoid conditions	—	—	—	—	—	—	1	—	1	1	1	2	1	1
17. Epileptic psychoses	—	—	—	—	1	1	1	1	2	—	—	—	1	—
18. Psychoneuroses and neuroses	—	—	—	—	1	1	1	1	2	2	—	2	1	1
19. With psychopathic personality	—	—	—	—	—	—	—	—	—	1	—	1	—	—
20. With mental deficiency	2	—	2	—	2	2	—	—	—	—	—	—	—	2
21. Undiagnosed psychoses	—	—	—	—	—	—	—	—	—	—	—	—	—	—
22. Without psychosis	—	—	—	1	—	1	—	—	—	—	—	—	—	—
Total	10	4	14	9	13	22	12	15	27	15	13	28	18	15

TABLE 8. *Age of First Admissions Classified with Reference to Principal Psychoses — Concluded*

PSYCHOSES	50-54 years			55-59 years			60-64 years			65-69 years			70 years and over		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Traumatic	—	—	—	1	—	1	—	—	—	1	—	1	—	—	—
Senile	—	—	—	—	2	2	1	3	4	1	—	1	15	20	35
With cerebral arteriosclerosis	—	—	—	3	5	8	7	4	11	11	3	14	17	12	29
General paralysis	1	2	3	3	—	3	2	1	3	1	—	1	—	—	—
With cerebral syphilis	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
With Huntington's chorea	1	—	1	—	—	—	1	—	1	—	—	—	—	—	—
With brain tumor	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
With other brain or nervous diseases	—	1	1	—	—	—	—	1	1	1	—	1	—	—	—
Alcoholic	2	1	3	2	—	2	2	—	2	1	—	1	1	—	1
Due to drugs and other exogenous toxins	—	—	—	—	—	—	—	1	1	—	—	—	—	—	—
With pellagra	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
With other somatic diseases	—	—	—	—	2	2	—	—	—	—	—	—	—	—	—
Manic-depressive	1	2	3	—	2	2	2	—	2	—	—	—	—	—	—
Involution melancholia	—	2	2	1	2	3	1	—	1	—	1	1	—	—	—
Dementia praecox	4	2	6	—	1	1	—	1	1	—	1	1	—	—	—
Paranoia and paranoid conditions	1	—	1	2	1	3	1	—	1	—	—	—	—	—	—
Epileptic psychoses	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Psychoneuroses and neuroses	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—
With psychopathic personality	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
With mental deficiency	3	—	3	—	—	—	—	—	—	—	—	—	—	—	—
Undiagnosed psychoses	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Without psychosis	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	14	10	24	12	15	27	17	11	28	16	5	21	33	32	65

TABLE 9. Degree of Education of First Admissions Classified with Reference to Principal Psychoses

Psychoses	Total			Illiterate			Reads and writes			Common school			High school			College			Unascertained		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.			
1. Traumatic	2	—	2	—	—	—	—	—	—	2	—	—	—	—	—	—	—	—	—	—	—
2. Senile	17	25	42	1	3	4	—	3	3	15	18	33	1	1	2	—	—	—	—	—	—
3. With cerebral arteriosclerosis	40	26	66	2	3	5	1	1	2	31	16	47	2	4	6	3	—	3	1	2	3
4. General paralysis	21	7	28	2	1	3	—	1	1	15	5	20	2	—	2	1	—	1	1	—	1
5. With cerebral syphilis	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6. With Huntington's chorea	2	—	2	—	—	—	—	—	—	1	—	1	—	—	—	—	—	—	1	—	1
7. With brain tumor	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8. With other brain or nervous diseases	2	3	5	—	—	—	1	—	1	—	2	2	—	1	1	—	—	—	1	—	1
9. Alcoholic	20	1	21	3	—	3	3	—	3	9	1	10	4	—	4	—	—	—	1	—	1
10. Due to drugs and other exogenous toxins	—	1	1	—	—	—	—	—	—	—	1	1	—	—	—	—	—	—	—	—	—
11. With pellagra	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
12. With other somatic diseases	1	7	8	—	1	1	—	—	—	1	5	6	—	—	—	1	—	1	—	—	—
13. Manic-depressive	8	14	22	1	3	4	—	1	1	6	8	14	—	1	1	1	—	1	—	1	1
14. Involution melancholia	2	10	12	2	2	2	—	—	—	2	5	7	—	2	2	1	1	1	—	—	—
15. Dementia praecox	32	35	67	2	1	3	1	4	5	20	22	42	7	7	14	2	1	3	—	—	—
16. Paranoia and paranoid conditions	7	3	10	1	—	1	2	—	2	2	3	5	2	—	2	—	—	—	—	—	—
17. Epileptic psychoses	2	3	5	—	1	1	—	—	—	1	2	3	2	—	2	—	1	—	—	—	—
18. Psychoneuroses and neuroses	6	3	9	—	—	—	—	—	—	4	2	6	2	—	2	—	—	—	—	—	—
19. With psychopathic personality	1	—	1	—	—	—	—	—	—	1	—	1	—	—	—	—	—	—	—	—	—
20. With mental deficiency	8	6	14	1	1	2	—	—	2	7	3	10	—	—	—	—	—	—	—	—	—
21. Undiagnosed psychoses	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
22. Without psychoses	1	1	2	1	1	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	172	145	317	14	17	31	8	13	21	117	93	210	20	16	36	8	3	11	5	3	8

TABLE 10. Population of Place of Residence of First Admissions Classified with Reference to Principal Psychoses

PSYCHOSES	Total			0-2,499			2,500-9,999			10,000-24,999			25,000-49,999			50,000-99,999			100,000-249,999			250,000-499,999			500,000+			Unknown
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	
1. Traumatic	2	-	2	-	-	-	-	-	-	-	-	-	1	-	1	1	-	1	-	-	-	-	-	-	-	-	-	-
2. Senile	17	25	42	1	3	4	6	7	13	1	4	5	1	5	6	4	1	5	9	-	-	-	-	-	-	-	-	-
3. With cerebral arteriosclerosis	40	26	66	2	3	5	10	8	18	8	3	11	2	3	5	7	5	12	15	-	-	-	-	-	-	-	-	-
4. General paralysis	21	7	28	4	-	4	4	-	4	-	3	3	-	-	-	-	-	-	17	-	-	-	-	-	-	-	-	-
5. With cerebral syphilis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6. With Huntington's chorea	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-
7. With brain tumor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8. With other brain or nervous diseases	2	3	5	-	2	2	1	-	1	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-
9. Alcoholic	20	1	21	1	-	1	4	-	4	2	-	2	-	-	-	5	-	5	1	1	1	-	-	-	-	-	-	-
10. Due to drugs and other exogenous toxins	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-
11. With pellagra	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12. With other somatic diseases	1	7	8	-	-	-	-	5	5	-	-	-	1	-	1	-	-	-	2	2	-	-	-	-	-	-	-	-
13. Manic-depressive	8	14	22	-	2	2	5	3	8	1	2	3	2	2	2	1	1	2	5	-	-	-	-	-	-	-	-	-
14. Involution melancholia	2	10	12	-	-	-	1	1	2	1	-	1	1	1	1	-	1	1	7	-	-	-	-	-	-	-	-	-
15. Dementia praecox	32	35	67	2	2	4	9	5	14	3	-	3	3	1	4	1	4	5	36	-	-	-	-	-	-	-	1	1
16. Paranoia and paranoid conditions	7	3	10	-	-	-	-	-	-	2	-	2	-	2	2	-	-	-	5	-	-	-	-	-	1	-	1	-
17. Epileptic psychoses	2	3	5	-	-	-	2	2	4	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
18. Psychoneuroses and neuroses	6	3	9	1	-	1	1	-	1	-	1	1	2	1	3	-	-	-	3	-	-	-	-	-	-	-	-	-
19. With psychopathic personality	1	-	1	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20. With mental deficiency	8	6	14	1	-	1	2	1	3	2	-	2	-	1	1	1	-	1	6	-	-	-	-	-	-	-	-	-
21. Undiagnosed psychoses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22. Without psychosis	1	1	2	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
Total	172	145	317	13	12	25	46	32	78	20	13	33	10	16	26	20	13	33	62	58	120	-	-	-	1	-	1	-

TABLE 11. *Economic Conditions of First Admissions Classified with Reference to Principal Psychoses*

PSYCHOSES	Total			Dependent			Marginal			Com- fortable			Unas- tained
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	
1. Traumatic	2	—	2	1	—	1	1	—	1	—	—	—	—
2. Senile	17	25	42	11	15	26	6	9	15	—	1	1	—
3. With cerebral arteriosclerosis	40	26	66	21	14	35	18	10	28	—	2	2	1
4. General paralysis	21	7	28	10	2	12	11	5	16	—	—	—	—
5. With cerebral syphilis	—	—	—	—	—	—	—	—	—	—	—	—	—
6. With Huntington's chorea	2	—	2	2	—	2	—	—	—	—	—	—	—
7. With brain tumor	—	—	—	—	—	—	—	—	—	—	—	—	—
8. With other brain or nervous diseases	2	3	5	2	3	5	—	—	—	—	—	—	—
9. Alcoholic	20	1	21	7	—	7	13	1	14	—	—	—	—
10. Due to drugs and other exogenous toxins	—	1	1	—	—	—	—	1	1	—	—	—	—
11. With pellagra	—	—	—	—	—	—	—	—	—	—	—	—	—
12. With other somatic diseases	1	7	8	1	1	2	—	6	6	—	—	—	—
13. Manic-depressive	8	14	22	1	2	3	7	12	19	—	—	—	—
14. Involution melancholia	2	10	12	2	1	3	—	8	8	—	1	1	—
15. Dementia praecox	32	35	67	14	10	24	18	24	42	—	1	1	—
16. Paranoia and paranoid conditions	7	3	10	3	—	3	3	3	6	—	—	—	1
17. Epileptic psychoses	2	3	5	2	3	5	—	—	—	—	—	—	—
18. Psychoneuroses and neuroses	6	3	9	2	2	4	4	1	5	—	—	—	—
19. With psychopathic personality	1	—	1	—	—	—	1	—	1	—	—	—	—
20. With mental deficiency	8	6	14	7	3	10	—	3	3	1	—	1	—
21. Undiagnosed psychoses	—	—	—	—	—	—	—	—	—	—	—	—	—
22. Without psychosis	1	1	2	1	—	1	—	1	1	—	—	—	—
Total	172	145	317	87	56	143	82	84	166	1	5	6	2

TABLE 12. *Use of Alcohol by First Admissions Classified with Reference to Principal Psychoses*

PSYCHOSES	Total			Abstinent			Temperate			Intem- perate			Unas- tained
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	
1. Traumatic	2	—	2	—	—	—	1	—	1	1	—	1	—
2. Senile	17	25	42	8	24	32	5	1	6	3	—	3	1
3. With cerebral arteriosclerosis	40	26	66	9	25	34	25	1	26	6	—	6	—
4. General paralysis	21	7	28	1	5	6	10	1	11	9	1	10	1
5. With cerebral syphilis	—	—	—	—	—	—	—	—	—	—	—	—	—
6. With Huntington's chorea	2	—	2	—	—	—	2	—	2	—	—	—	—
7. With brain tumor	—	—	—	—	—	—	—	—	—	—	—	—	—
8. With other brain or nervous diseases	2	3	5	—	3	3	2	—	2	—	—	—	—
9. Alcoholic	20	1	21	—	—	—	—	—	—	20	1	21	—
10. Due to drugs and other exogenous toxins	—	1	1	—	1	1	—	—	—	—	—	—	—
11. With pellagra	—	—	—	—	—	—	—	—	—	—	—	—	—
12. With other somatic diseases	1	7	8	—	6	6	1	1	2	—	—	—	—
13. Manic-depressive	8	14	22	2	13	15	5	1	6	1	—	1	—
14. Involution melancholia	2	10	12	—	8	8	2	2	4	—	—	—	—
15. Dementia praecox	32	35	67	12	29	41	16	5	21	3	1	4	1
16. Paranoia and paranoid conditions	7	3	10	4	2	6	2	1	3	—	—	—	1
17. Epileptic psychoses	2	3	5	2	3	5	—	—	—	—	—	—	—
18. Psychoneuroses and neuroses	6	3	9	2	3	5	3	—	3	1	—	1	—
19. With psychopathic personality	1	—	1	—	—	—	—	—	—	1	—	1	—
20. With mental deficiency	8	6	14	4	6	10	3	—	3	1	—	1	—
21. Undiagnosed psychoses	—	—	—	—	—	—	—	—	—	—	—	—	—
22. Without psychosis	1	1	2	1	1	2	—	—	—	—	—	—	—
Total	172	145	317	45	129	174	77	13	90	46	3	49	4

TABLE 14. *Psychoses of Readmissions*

PSYCHOSES	Males	Females	Total
1. Traumatic psychoses	1	—	1
2. Senile psychoses	—	1	1
3. Psychoses with cerebral arteriosclerosis	4	3	7
4. General paralysis	1	—	1
5. Psychoses with cerebral syphilis	—	—	—
6. Psychoses with Huntington's chorea	—	—	—
7. Psychoses with brain tumor	—	—	—
8. Psychoses with other brain or nervous diseases	—	1	1
9. Alcoholic psychoses	4	—	4
10. Psychoses due to drugs and other exogenous toxins	—	—	—
11. Psychoses with pellagra	—	—	—
12. Psychoses with other somatic diseases	—	—	—
13. Manic-depressive psychoses	12	12	24
14. Involution melancholia	—	2	2
15. Dementia praecox	11	18	29
16. Paranoia and paranoid conditions	—	2	2
17. Epileptic psychoses	2	—	2
18. Psychoneuroses and neuroses	—	1	1
19. Psychoses with psychopathic personality	1	—	1
20. Psychoses with mental deficiency	1	—	1
21. Undiagnosed psychoses	—	—	—
22. Without psychoses	—	—	—
Total	37	40	77

TABLE 15. *Discharges of Patients Classified with Reference to Principal Psychoses and Condition on Discharge*

PSYCHOSES	Total			Recovered			Improved			Unimproved	
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.
1. Traumatic	—	—	—	—	—	—	—	—	—	—	—
2. Senile	4	—	4	1	—	1	3	—	3	—	—
3. With cerebral arteriosclerosis	6	1	7	1	—	1	5	1	6	—	—
4. General paralysis	1	—	1	—	—	—	—	—	—	1	—
5. With cerebral syphilis	—	—	—	—	—	—	—	—	—	—	—
6. With Huntington's chorea	—	—	—	—	—	—	—	—	—	—	—
7. With brain tumor	—	—	—	—	—	—	—	—	—	—	—
8. With other brain or nervous diseases	1	1	2	—	—	—	1	1	2	—	—
9. Alcoholic	16	2	18	11	1	12	5	1	6	—	—
10. Due to drugs and other exogenous toxins	—	1	1	—	1	1	—	—	—	—	—
11. With pellagra	—	—	—	—	—	—	—	—	—	—	—
12. With other somatic diseases	—	5	5	—	4	4	—	1	1	—	—
13. Manic-depressive	16	18	34	15	15	30	1	3	4	—	—
14. Involution melancholia	3	5	8	1	1	2	2	4	6	—	—
15. Dementia praecox	17	23	40	—	2	2	16	17	33	1	4
16. Paranoia and paranoid conditions	2	5	7	—	1	1	2	4	6	—	—
17. Epileptic psychoses	—	1	1	—	1	1	—	—	—	—	—
18. Psychoneuroses and neuroses	3	2	5	2	1	3	1	1	2	—	—
19. With psychopathic personality	1	—	1	—	—	—	1	—	1	—	—
20. With mental deficiency	2	1	3	1	1	2	1	—	1	—	—
21. Undiagnosed psychoses	—	—	—	—	—	—	—	—	—	—	—
22. Without psychosis	—	1	1	—	—	—	—	—	—	—	—
Total	72	66	138	32	28	60	38	33	71	2	4

TABLE 15-A. *Hospital Residence During This Admission of First Court Admissions
Discharged during 1933*

PSYCHOSES	Number			Average Net Hospital Residence in Years		
	M.	F.	T.	M.	F.	T.
Traumatic	—	—	—	—	—	—
Senile	4	—	4	.75	—	.75
With cerebral arteriosclerosis	6	1	7	.43	.50	.44
General paralysis	1	—	1	.46	—	.46
With cerebral syphilis	—	—	—	—	—	—
With Huntington's chorea	—	—	—	—	—	—
With brain tumor	—	—	—	—	—	—
With other brain or nervous diseases	1	—	1	1.50	—	1.50
Alcoholic	14	1	15	1.32	.17	1.25
Due to drugs and other exogenous toxins	—	1	1	—	.12	.12
With pellagra	—	—	—	—	—	—
With other somatic diseases	—	5	5	—	.95	.95
Manic-depressive	8	8	16	.44	.71	.58
Involution melancholia	3	5	8	2.77	1.70	2.10
Dementia praecox	14	15	29	1.98	.95	1.45
Paranoia and paranoid conditions	2	4	6	1.00	.37	.59
Epileptic psychoses	—	—	—	—	—	—
Psychoneuroses and neuroses	3	2	5	.28	3.50	1.56
With psychopathic personality	1	—	1	5.00	—	5.00
With mental deficiency	2	1	3	2.50	.50	.50
Undiagnosed psychoses	—	—	—	—	—	—
Without psychoses	—	—	—	—	—	—
Total	59	43	102	1.37	1.01	1.21

TABLE 16. Causes of Death of Patients Classified with Reference to Principal Psychoses

CAUSES OF DEATH													General paralysis			Alcoholic			Manic-depressive		
	Total			Senile			With cerebral arterio-sclerosis			General paralysis			Alcoholic			Manic-depressive					
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.			
<i>Epidemic, Endemic and Infectious Diseases</i>																					
Tuberculosis of the respiratory system	7	7	14	—	—	—	—	—	—	1	—	1	1	1	2	1	1	2			
Tuberculosis of other organs	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—	1	—	1			
<i>General Diseases not Included in Class I</i>																					
Cancer and other malignant tumors	4	4	8	1	1	2	—	—	—	—	—	—	2	—	2	1	—	1			
Diabetes	—	2	2	—	2	2	—	—	—	—	—	—	—	—	—	—	—	—			
Other general diseases	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—	1	—	1			
<i>Diseases of the Nervous System</i>																					
Cerebral hemorrhage, apoplexy	8	—	8	1	—	1	4	—	4	2	—	2	—	—	—	—	—	—			
General paralysis of the insane	13	5	18	—	—	—	—	—	—	12	5	17	—	—	—	—	—	—			
<i>Diseases of the Circulatory System</i>																					
Endocarditis and myocarditis	21	26	47	5	11	16	10	9	19	—	—	—	2	—	2	1	—	1			
Other diseases of the heart	7	3	10	2	1	3	4	2	6	—	—	—	—	—	—	1	—	1			
Arteriosclerosis	3	3	6	1	1	2	2	1	3	—	—	—	—	—	—	—	—	—			
<i>Diseases of the Respiratory System</i>																					
Bronchopneumonia	12	9	21	6	5	11	4	2	6	—	—	—	—	—	—	—	—	—			
Lobar pneumonia	12	4	16	1	2	3	4	1	5	2	—	2	1	—	1	1	—	1			
Pleurisy	—	1	1	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—			
<i>Diseases of the Digestive System</i>																					
Ulcer of stomach and duodenum	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1			
Hernia and intestinal obstruction	2	—	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
<i>Non-Veneral Diseases of Genito-Urinary System and Annexa</i>																					
Other diseases of kidneys and annexa	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—	1	—	1			
<i>Diseases of the Skin and of the Cellular Tissue</i>																					
Gangrene	—	2	2	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—			
<i>External Causes</i>																					
Suicide	1	1	2	—	—	—	—	—	—	—	—	—	—	—	—	1	—	1			
Accidental traumatism	1	2	3	—	—	—	1	2	3	—	—	—	—	—	—	—	—	—			
Other external causes	1	—	1	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—			
Total	95	70	165	18	25	43	29	17	46	17	5	22	6	1	7	9	2	11			

TABLE 16. Causes of Death of Patients Classified with Reference to Principal Psychoses — Concluded

CAUSES OF DEATH	Involution melancholia		Dementia praecox		Epileptic psychoses		With mental deficiency		*All other psychoses
	M.	F.	T.	M.	F.	T.	M.	F.	T.
<i>Epidemic, Endemic and Infectious Diseases</i>									
Tuberculosis of the respiratory system	-	-	-	3	5	8	1	-	-
Tuberculosis of other organs	-	-	-	-	-	-	-	-	-
<i>General Diseases not Included in Class I</i>									
Cancer and other malignant tumors	-	-	-	-	1	1	-	-	2
Diabetes	-	-	-	-	-	-	-	-	2
Other general diseases	-	-	-	-	-	-	-	-	-
<i>Diseases of the Nervous System</i>									
Cerebral hemorrhage, apoplexy	-	-	-	1	-	1	-	-	-
General paralysis of the insane	-	-	-	-	-	-	-	-	1
<i>Diseases of the Circulatory System</i>									
Endocarditis and myocarditis	-	2	2	-	4	4	1	-	2
Other diseases of the heart	-	-	-	-	-	-	-	-	-
Arteriosclerosis	-	-	-	-	1	1	-	-	-
<i>Diseases of the Respiratory System</i>									
Bronchopneumonia	-	-	-	2	-	2	-	1	1
Lobar pneumonia	1	-	1	1	-	1	1	1	2
Pleurisy	-	-	-	-	-	-	-	-	-
<i>Diseases of the Digestive System</i>									
Ulcer of stomach and duodenum	-	-	-	-	-	-	-	-	-
Hernia and intestinal obstruction	-	-	-	-	-	-	-	-	-
<i>Non-Veneral Diseases of Genito-Urinary System and Annexa</i>									
Other diseases of kidneys and annexa	1	-	1	1	-	1	-	-	-
<i>Diseases of the Skin and of the Cellular Tissue</i>									
Gangrene	-	-	-	-	-	-	-	1	1
<i>External Causes</i>									
Suicide	-	-	-	-	-	-	-	-	-
Accidental traumatism	-	-	-	-	1	1	-	-	-
Other external causes	-	-	-	-	-	-	-	-	-
Total	2	2	4	8	12	20	3	2	5
									3
									6

*Includes Group 22, "without psychosis".

TABLE 17. Age of Patients at Time of Death Classified with Reference to Principal Psychoses

PSYCHOSES															
	Total			Under 15 years		15-19 years		20-24 years		25-29 years		30-34 years		35-39 years	
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Senile	18	25	43	-	-	-	-	-	-	-	-	-	-	-	-
With cerebral arteriosclerosis	29	17	46	-	-	-	-	-	-	-	-	-	-	-	-
General paralysis	17	5	22	-	-	-	-	-	-	-	-	1	1	2	3
With cerebral syphilis	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
With other brain or nervous diseases	2	1	3	-	-	-	-	-	-	-	-	-	-	-	-
Alcoholic	6	1	7	-	-	-	-	-	-	-	-	-	-	-	-
With other somatic diseases	-	2	2	-	-	-	-	-	-	-	-	1	1	-	-
Manic-depressive	9	2	11	-	-	-	-	1	1	-	-	-	-	-	-
Involution melancholia	2	2	4	-	-	-	-	-	-	-	-	-	-	-	-
Dementia præcox	8	12	20	-	-	1	-	-	-	1	1	2	2	4	-
Epileptic psychoses	-	1	1	-	-	-	-	-	-	-	1	1	-	-	-
With mental deficiency	3	2	5	-	-	-	-	-	-	2	-	2	-	-	-
Total	95	70	165	-	-	-	1	-	1	3	2	5	3	3	6
PSYCHOSES															
	40-44 years		45-49 years		50-54 years		55-59 years		60-64 years		65-69 years		70 years and over		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Senile	-	-	-	-	-	-	-	-	-	1	3	4	2	15	22
With cerebral arteriosclerosis	-	-	-	1	1	-	-	4	4	5	2	7	5	18	9
General paralysis	1	-	1	3	2	5	2	3	3	3	-	2	2	-	27
With cerebral syphilis	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
With other brain or nervous diseases	-	-	-	-	-	-	-	-	-	-	1	1	1	1	-
Alcoholic	-	-	-	1	-	1	-	-	-	-	1	1	1	2	-
With other somatic diseases	-	-	-	-	-	-	-	1	1	3	-	-	2	-	-
Manic-depressive	-	-	-	1	-	1	-	1	1	-	-	-	2	-	-
Involution melancholia	-	-	-	-	-	-	-	1	1	-	-	1	1	1	-
Dementia præcox	-	1	1	-	1	1	1	1	2	-	3	3	-	2	4
Epileptic psychoses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
With mental deficiency	-	-	-	-	-	-	-	1	1	-	1	1	-	-	-
Total	2	1	3	6	3	9	3	4	7	13	11	24	13	41	33
													74		

TABLE 18. Total Duration of Hospital Life of Patients Classified According to Principal Psychoses

Psychoses	Total			Less than 1 month		1-3 months		4-7 months		8-12 months		1-2 years		3-4 years	
	M.		T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Senile	18	25	43	-	6	6	6	5	11	3	1	4	2	4	6
With cerebral arteriosclerosis	29	17	46	11	3	14	5	6	11	4	-	4	3	2	5
General paralysis	17	5	22	2	-	2	3	1	4	2	-	2	5	2	7
With cerebral syphilis	1	-	1	1	1	2	-	-	-	-	-	-	-	-	-
With other brain or nervous diseases	2	1	3	1	1	2	-	-	-	-	-	-	-	1	-
Alcoholic	6	1	7	-	-	-	-	-	-	-	-	-	-	-	-
With other somatic diseases	9	2	11	-	-	-	2	2	-	-	-	-	-	1	2
Manic-depressive	2	2	4	1	1	2	-	-	-	-	-	-	1	-	-
Involution melancholia	8	12	20	-	-	-	-	-	-	-	-	-	2	1	3
Dementia praecox	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-
Epileptic psychoses	3	2	5	1	-	1	-	-	-	-	-	-	1	1	2
With mental deficiency	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	95	70	165	16	12	28	14	13	27	11	3	14	14	10	24

Psychoses	5-6 years			7-8 years		9-10 years		11-12 years		13-14 years		15-19 years		20 years and over	
	M.		T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Senile	-	2	2	1	1	2	-	-	-	-	-	-	-	-	-
With cerebral arteriosclerosis	-	1	1	1	2	3	-	-	-	-	-	-	-	-	-
General paralysis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
With cerebral syphilis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
With other brain or nervous diseases	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
Alcoholic	1	-	1	2	-	2	-	-	-	1	-	-	-	-	-
With other somatic diseases	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manic-depressive	-	1	1	1	-	1	1	-	-	-	-	-	1	2	-
Involution melancholia	1	-	1	2	3	5	-	-	-	-	-	-	2	2	4
Dementia praecox	-	-	-	-	-	-	-	-	-	-	-	-	-	1	3
Epileptic psychoses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
With mental deficiency	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	2	4	6	7	6	13	2	-	2	1	-	1	3	3	7

TABLE 19. *Average Length of Hospital Stay During the Present Admissions of Cases in Residence on September 30, 1933*

PSYCHOSES	Number			Average Length Residence in Year		
	M.	F.	T.	M.	F.	T.
1. Traumatic	7	2	9	4.62	7.50	5.83
2. Senile	41	57	98	3.49	4.17	3.83
3. With cerebral arteriosclerosis	50	45	95	3.00	4.06	3.53
4. General paralysis	52	20	72	4.68	6.23	5.45
5. With cerebral syphilis	3	—	3	3.50	—	3.50
6. With Huntington's chorea	3	2	5	1.47	4.50	2.98
7. With brain tumor	—	—	—	—	—	—
8. With other brain or nervous diseases	9	9	18	7.83	5.16	6.49
9. Alcoholic	95	12	107	9.00	12.33	9.66
10. Due to drugs and other exogenous toxins	2	—	2	5.48	—	5.48
11. With pellagra	1	—	1	7.50	—	7.50
12. With other somatic diseases	3	6	9	4.15	5.82	5.00
13. Manic-depressive	51	76	127	8.61	6.67	7.64
14. Involution melancholia	18	54	72	4.28	6.51	5.39
15. Dementia praecox	315	377	692	12.19	10.30	11.24
16. Paranoia and paranoid conditions	20	26	46	3.59	7.72	5.65
17. Epileptic psychoses	15	14	29	5.69	4.92	5.30
18. Psychoneuroses and neuroses	4	13	17	5.49	5.03	5.26
19. With psychopathic personality	5	—	5	11.09	—	11.09
20. With mental deficiency	60	38	98	10.63	7.91	9.27
21. Undiagnosed psychoses	—	—	—	—	—	—
22. Without psychoses	1	1	2	2.50	1.50	2.00
Total	755	752	1,507	8.97	8.21	8.59

TABLE 20. *Family Care Department*

	Males	Females	Total
Remaining in family care October 1, 1932	—	4	4
On visit from family care, October 1, 1932	—	—	—
Admitted during year	—	—	—
Whole number of cases within the year	—	4	4
Dismissed within the year	—	1	1
Returned to institution	—	1	1
Discharged	—	—	—
Died	—	—	—
On visit	—	—	—
Remaining in family care, September 30, 1933	—	3	3
Supported by State	—	—	—
Private	—	—	—
Self-supporting	—	3	3
Number of different persons within the year	—	4	4
Number of different persons dismissed	—	1	1
Number of different persons admitted	—	—	—
Average daily number in family care during the year	—	3.0333	3.0333
Supported by State	—	—	—
Private	—	—	—
Self-supporting	—	3.0333	3.0333

The Commonwealth of Massachusetts

81st

ANNUAL REPORT

OF THE

TRUSTEES

OF THE

ASSAULT: TAUNTON STATE HOSPITAL (Insane).

FOR THE

YEAR ENDING NOVEMBER 30,

1934

DEPARTMENT OF MENTAL DISEASES



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Steam Fireman	DANIEL HEFFERLIN	1922-1934

TRUSTEES' REPORT

To His Excellency, the Governor and the Honorable Council:

The Trustees of the Taunton State Hospital present herewith their eighty-first annual report, together with the Superintendent's report, financial report, and statistical tables.

There has been no change in the membership of our Board within the last year. Mr. Samuel M. Stone of Attleboro having been reappointed by Governor Ely, again in the year. Mr. Arthur B. Reed of North Abington and Mrs. Elizabeth C. Gifford of Cambridge were re-elected to the offices of chairman and secretary, at our annual meeting. The meetings have been well attended, and the different members of the Board have interested themselves in the many activities of

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spital in addition to the regular duties of the committees on which they have served.

We are pleased to report that during the year we have noted a general improvement in the entire institution. The wards are in very good repair, and the attention which has been given to interior decorating has added much to their beauty. Our landscaping program has been continued, and many new shrubs and plants have been added. This has done much to increase the attractiveness of the grounds. We believe that pleasant surroundings are not only desirable, but essential, and it is to this end that we are working. The morale of the patients continues to improve, we believe, as a result of a gradual improvement in the care that they are receiving. The cafeterias continue to be popular, and the past year has seen a decided improvement in the different menus served. More patients than ever have been gainfully employed in the industrial department and on the farm, and on the whole, the past year has been one of progress.

The Public Works Administration has approved a project which will result in the completion of the sprinkler program. This project also includes the installation of several stand pipes in buildings occupied by employees, as well as the placing of chemical extinguishers in certain locations where automatic sprinklers would not be suitable. This program was begun many years ago, and we are very much pleased to be assured of its completion. The work has not yet been started, but will no doubt be accomplished in the near future. When it is completed, all the attic buildings occupied by patients will be protected.

We have not been able to continue our plan of installing fire-proof floors during the last year, and we hope that it will be possible to resume this before very long. The Brown and Howland Infirmaries will be vacated when the new buildings are completed. This will offer an opportunity for thorough renovation. We recommend that all of the wooden floors in these buildings be replaced by others that are fireproof, and that modern plumbing and service facilities be installed at that time. These buildings are old, but of very good construction, and with the changes mentioned above, they will no doubt give excellent service for many years to come. The Public Works Administration has approved another project which includes the construction of two of the buildings of the new hospital group, the building of which has been advocated by us for several years. The hospital building and male infirmary are included in this project, and we hope that the psychiatric clinic, male infirmary, nurses' home and the kitchen and dining room building will be long in coming. For years it has been necessary to care for many more patients than our certified capacity calls for. This has resulted in improper classification and many other things not in harmony with the type of care that we would like to furnish. This, we believe, is sufficient justification for the completion of this group in the near future.

All of the plumbing in the main building is old and difficult to keep in repair. In addition, the different facilities are entirely inadequate. New bathrooms and laboratories have been created in a few wards, but much of this work remains to be done. Plans for this work have been submitted, and we urgently request that an appropriation for this purpose be granted during the coming year.

Extensive repairs are being made at the Borden Colony. The plumbing and electric wiring have been renewed in the Leonard House which is also to be replaced and to have new floors. A terrazzo floor has replaced the old wooden one in the dining room. Much painting has been accomplished in the brick cottage and other buildings. A silo which has stood for several years on the farm at the main camp was torn down, and later reconstructed in the vicinity of Cow Barn No. 1. The cost of this procedure was relatively small. The equipment of the dairy which was old and worn out, has been replaced by modern machinery which will make it possible for us to handle our milk to much better advantage. The barns and other buildings have received many miscellaneous repairs during the year. All of the buildings at this Colony are old and difficult to maintain. In addition many of them are not well suited to the purpose for which they are used. The land on which they are located is low, and during certain seasons of the year, it becomes very wet. Because of this, we believe that further expansion on this particular colony is not advisable. As this Colony is rapidly becoming the center of our farm

activities, there is no doubt but that plans for a gradual re-location of all the buildings should be made. The piggery and the hennerly, both of which are now located at the main hospital, will have to be removed to this Colony in the near future because of the construction of the new hospital group; their present location will at that time be entirely too near to buildings occupied by both patients and employees. We have selected a site on the north side of King Phillip Street, about one half a mile west of the existing buildings. The land in this vicinity is high and of southern exposure. We believe that it is admirably suited to the purpose, and that eventually all of the activities of the farm should be located there. The appropriation of a sum sufficient to construct a building which would accommodate at least fifty patients, as well as a piggery and a poultry plant, should receive careful consideration in the very near future. This proposed building site is located with easy reach of a large portion of the tillable land; consequently, many steps will be saved on the part of the patients and employees working there. On the whole, we believe that this plan is very desirable, and we recommend its early institution.

Our laundry is of the two-story type with a wash room on the lower floor and a room for ironing and sorting on the second. These floors are connected only by a stairway and a hand operated elevator. Most of the machinery is old and will have to be replaced before very long. On the whole, it is a very difficult plant to operate, and in its present state there is but very little chance for expansion. The population of the hospital is constantly increasing, and it would seem that the construction of a new laundry building before it is necessary to replace the old machinery, would be economical. The old laundry yard which is now unused would make an excellent site for this building. Our industrial building is crowded and we need more space for the storage of building materials. The present laundry building would take care of these needs very well. We believe that this matter should receive early attention.

The production of vegetables on the farm has exhausted the capacity of our root cellars, and it has been necessary to store vegetables in buildings occupied by employees. This is objectionable in many ways, and the construction of a new root cellar of sufficient capacity to care for this whole problem has been recommended for several years. We believe that this project now deserves immediate attention.

The ten year program which was submitted to the Department of Mental Diseases last Fall includes all of the projects mentioned above, as well as many others. The entire program has our unanimous approval.

On September 7, 1934, the hospital was visited by Winfred Overholser, M.D., Commissioner, Henry M. Pollock, M.D., Charles G. Dewey, M.D., Samuel Kales, Associate Commissioners, Joseph E. Barrett, M.D., Assistant Commissioner, and Carl A. Raymond, Budget Commissioner. On September 26, 1934, Dr. J. D. Doughty, Specialist in Nervous and Mental Diseases, Seattle, Washington, and Mr. O. L. Olsen, Director of Business Control, Olympia, Washington, paid us a visit. During the latter part of November the following delegates of the State Eleemosynary Institutions, Jefferson City, Missouri, visited the hospital: Mr. W. E. Jamieson, Mr. L. R. Bowen, Mr. Charles A. Haskins, and Dr. F. R. Frazar. Other representatives of the Department have visited us at frequent intervals.

We wish to express our gratitude for the cooperation we have received from the different State Departments, including the Department of Mental Diseases, the employees of the institution, as well as all others who have been interested in the welfare of the hospital. We cannot close without a sincere tribute to Dr. Chamberlain whose loyalty, untiring energy and ability to win cooperation have been the large factor in the progress made by the hospital.

ARTHUR B. REED, *Chairman*
J. VINCENT THUOT, M.D.
MRS. MARY B. BESSE
ASA A. MILLS

MRS. ELIZABETH C. M. GIFFORD
Secretary
CHARLES C. CAIN, JR.
SAMUEL M. STONE

Trustees.

SUPERINTENDENT'S REPORT

to the Trustees of the Taunton State Hospital:

The eighty-first annual report of the Superintendent of the Taunton State Hospital, for the fiscal year ending November 30, 1934, is respectfully submitted for your consideration.

The statistical tables relative to patients, cover the period beginning October 1, 1933, and ending September 30, 1934.

MOVEMENT OF POPULATION

The census of the hospital on September 30, 1933 was as follows: In the hospital, 5 men and 752 women, making a total of 1,507. On parole or otherwise absent, 17 men and 98 women, a total of 115, making a grand total of 1,622, including 849 men and 850 women on the books of the hospital. During the year ended September 30, 1934, 532 patients were received. Of this number, 260 men and 178 women, a total of 438, were classed as first admissions, 51 men and 38 women, a total of 89, came as readmissions, and 3 men and 2 women, a total of 5, came as transfers from other hospitals. Of the 532 admissions, 230 men and 192 women, a total of 422 were regularly committed, 8 men and 6 women, a total of 14, were under voluntary commitment, 31 men and 7 women, a total of 38, were under temporary care, and 11 men and 13 women, a total of 24, were under observation commitment.

Patients, 492 in number, including 300 men and 192 women, were discharged during the same period. Of this number, 144 men and 104 women, a total of 248, were returned to the community, 24 men and 4 women, a total of 28, were transferred to other hospitals, and 132 men and 84 women, a total of 216, died. Of the 216 patients discharged, 225 men and 169 women, a total of 394, were regularly committed, 4 men and 5 women, a total of 9, were under voluntary commitment, 11 men and 6 women, a total of 17 were under temporary care, and 41 men and 13 women, a total of 54, were under observation commitment.

The census of the hospital on September 30, 1934, was as follows: In the hospital, 9 men and 776 women, making a total of 1,555; on parole or otherwise absent, 11 men and 100 women, making a total of 111, making a grand total of 1,666, including 863 men and 876 women on the books of the hospital.

The total number of cases under treatment during the year was 2,231 (1,163 men and 1,068 women).

MEDICAL SERVICE

Clinical Director — ROGER G. OSTERHELD, M.D.

Our senior physicians, Dr. H. Sinclair Tait and Dr. Robert M. Bell, have continued to be in charge of their respective services. Dr. Donald G. Henderson has continued as director of the laboratory and Dr. Olga Steinecke has had charge of the outpatient department.

The members of our visiting staff composed of Dr. C. A. Atwood, Dr. A. R. Randall, Dr. Joseph L. Murphy, Dr. T. J. Robinson and Dr. Charles J. C. Gillon, have continued to give liberally of their time, and their value to the hospital cannot be over estimated.

Dr. Charles E. White who has been a member of our staff since August 1, 1930, resigned on November 14, 1934, to accept a senior position at the Howard State Hospital in Rhode Island. His position was filled by Dr. Norman K. Beals on November 16, 1934. Dr. Beals is a graduate of Temple University Medical School, class of 1933, and served an internship at the Memorial Hospital in Pawtucket, R. I. The staff was augmented during the summer by three undergraduate clinical students. This custom has been in vogue for several years and has proven to be beneficial to both the student and the hospital. We have continued to give senior students from Tufts College and Boston University Medical Schools, a one month's course in psychiatry. Four of these young men are with us continuously during the school year. This, we believe, is doing much to familiarize the physician with many problems of psychiatry. In all, thirty students completed this course during the past year.

The different members of the staff have continued their lectures in connection with the training school for nurses. This work has been materially increased in the past few years by the addition of affiliate and postgraduate courses.

Dr. Richard P. McKnight, District Health Officer, has continued to advise in regard to the care and control of communicable diseases. We are glad to report that we have not had any disease in an epidemic form among either the patients or employees. A sporadic case of typhoid fever was discovered in the month of August. A systematic survey of the hospital population led to the discovery of a carrier. Occurrences of this sort, we believe, will be prevented in the future by routine examination in the case of newly admitted patients. All food handlers have been examined for many years.

A very careful survey of the tuberculosis problem was made during the year and it was found that most of the cases under treatment were in an inactive state. These patients are all quartered in wards isolated and well suited to the purpose. We now have all the equipment necessary in carrying out the recent developments in the surgical treatment of this disease.

We have continued to treat all cases of syphilis admitted to the hospital, whether or not the nervous system is involved. Selected cases of General Paralysis have been subjected to fever therapy, malaria being the agent of choice. At the present time it is our opinion that all cases who are physically able to take this treatment should be submitted to it, as we believe that it gives the patient the best chance.

Much time has been spent during the past year in formulating plans for a new hospital building which we hope will be completed before another report is written. This building will furnish new quarters for practically all of the divisions in this department, and for the first time those units which are so intimately associated will be located in such a manner as to make their work much easier.

The following work was accomplished in the operating room and dressing room during the year:

Operations:

Adenoidectomy	2	Dilatation and curettage	
Amputation, breast (radical)	1	Herniotomy	
Amputation, breast	1	Laparotomy, exploratory	
Amputation, toe	1	Polyp, cervical excision	
Appendectomy	4	Tonsillectomy	
Carbuncle, excision	1		

Minor Surgery:

Cyst sebaceous, extirpation	3	Fracture, hip	
Dislocation, ankle, reduction	2	Fracture, wrist	
Extractions, dental ¹	4	Furuncle, incision ¹	
Fracture, ankle	2	Lacerations, sutured	
Fracture, clavicle	1	Punctures, spinal	1
Fracture, digit	4	Punctures, venal	8
Fracture, elbow	1	Surgical dressings	6,2
Fracture, hand	3		

¹With anesthesia.

²Reduction and immobilization.

Antisyphilitic Treatments:

Arsphenamine	426	Iodobismutol	3
Bismuth-Sodio-Tartrate	1,626	Potassium Iodide	2
Mercury Salicylate	798	Supharsphenamine	
Neoarsphenamine	192		

Eye, Ear, Nose and Throat Treatments:

Blepharitis	25	Otitis media	1
Conjunctivitis	223	Naso-pharyngitis	2
Hordeolum	8	Pharyngitis	2
Impacted cerumen	9		

Examinations:

Abdominal with anesthesia	1	Joint manipulation with anesthesia	
Gynecological with anesthesia	1	Gynecological	9

Foot Clinic:

Bunions	28	Hypertrophied Nails	
Corns	579	Ingrowing Nails	
Calluses	33	Nail excision with anesthesia	

Drums and Vaccines (Prophylaxis):

Oryza	12	Smallpox	330
Phtheria	6	Typhoid	452
abies	1		

Miscellaneous: Obstetrics, delivery, 2; Intravenous:— Iron cacodylate, 17
 Normal saline, 101; Sodium morrhuate, 16; Parenteral injections, 28.

DENTAL DEPARTMENT

Director:— Dr. Wilfred R. Wilson

During the early months of the year the work of this department was carried on by Dr. Thomas Hoffman who was a temporary appointee. He left on June 16, 1934, to accept another position. Our consulting dentist, Dr. Byron H. Strout, carried the work until October 15, 1934, when the duties of the position were assumed by the present incumbent. The work accomplished, despite the many changes in personnel, has been satisfactory both in quality and quantity.

An outline of the work accomplished follows:

Bridgework: removed, 8; facing recemented, 1; reset, 6.

Crowns:— Davis crown set, 3; gold removed, 4; gold reset, 4.

Cleaned and scaled, 1,295; examined and charted, 1,202; extractions, 792.

Fillings:— amalgam, 403; cement, 11; Kryptex, 70; root canal, 2; synthetic, 2; temporary, 19; zinc oxide and eugenol, 353.

Plates: Impression, bite, shade, 55; teeth tried in, 24; made, 18; adjusted, 47; repaired, 23; cleaned, 566; marked, 227.

Treatments: Abscess lanced, 2; formo-creosol, 7; gums treated, 274; gums treated— oxygen, 24; post-operative, 76; root canal, 19; silver nitrate, 9; teeth treated, 49.

X-rays taken	17
Patients with work completed	1,634
Patients with work not completed	198
Number of visits	4,472
Number of operations	5,945
Average operation per patient	1.35
Number of patients treated first time	1,061
Number of patients needing dental attention	249
Number of extractions and fillings on new patients	756-336
Percentage of patients with work completed	87.25
Percentage of patients with work not completed	12.75
Average number of patients treated daily	15.58
Average number of operations per day	20.71
Number of days office was open	287

X-RAY DEPARTMENT

Director— H. SINCLAIR TAIT, M.D.

This department has continued to be a great help to the medical service. About the usual amount of work has been accomplished during the year. The director has devoted considerable time assisting in the developing of plans for a new X-ray department which will be located in the new hospital building. When this is completed, we will be able to do all kinds of X-ray work with the exception of therapy. This feature is not included as we refer cases needing this particular type of treatment to the Pondville Hospital, Walpole, Mass.

A summary of the work accomplished follows:

Skull	36	Sacro-iliac	12	Ankle	20
Arm	10	Coccyx	2	G. I. tract	20
Wrist	12	Hip	12	Gall bladder	8
Hand	18	Leg	8	G. U. tract	5
Foot	122	Knee	6	Foreign bodies	4
Neck	6				

PHYSIOTHERAPY DEPARTMENT
Director — OLGA E. STEINECKE, M.D.

The work of this department has been carried on by Miss Helen Dadmun. There has been a change in personnel, Miss Helen Gardner having resigned her position on September 22, 1934, to be married. Miss Dadmun, who assumed her duties on September 24, 1934, is a graduate of Arnold College, New Haven, Connecticut.

During the year, 197 patients have been treated, of this number 127 were men and 70 were women. In addition, 34 employees were treated in this department.

Some of the various conditions treated were: eczema, boils, arthritis, sprains, acne, tuberculosis, high blood pressure, dermatitis, abscesses, contractures and ringworms.

Below is a summary of the treatment given during the year:

	Men		Women	
	Treat-ments	Hours	Treat-ments	Hours
Ultra Violet Ray	1,342	413	1,124	325
Radiant heat-massage	1,660	877¾	1,219	594
Auto-Condensation	133	38¼		
Diathermy			144	91
Total	3,135	1,329	2,487	1,012

Total of all treatments.	5,6
Total of all hours	2,3

HYDROTHERAPY DEPARTMENT

Dr. H. Sinclair Tait and Dr. Robert M. Bell, senior physicians, have continued to direct the work of this department, which has been carried on by our hydrotherapists, Mr. Leon Jackson and Mrs. Teresa Haskell. Much of our equipment is old, but although quite unattractive and difficult to maintain, it is still usable and has functioned to the fullest extent. The number of treatments has increased somewhat over last year, but if equipment was available, more treatments of this nature could be given much to the benefit of the patients. Dr. Rebekah Wright, Hydrotherapeutist for the Department of Mental Diseases, has visited the hospital periodically during the year for the purpose of bringing to us any recent modifications of the procedures now in use. We have continued to use color irrigation in selected cases, with very good results.

A summary of the work accomplished follows:

	MEN	WOMEN	TOTAL
Number of Patients	205	260	465
<i>Tonic Baths</i>			
Salt glows	1,366	987	2,353
Hot and cold to spine	295	654	949
Foot baths	39	34	73
Electric light baths	174	39	213
Swedish shampoos	1,105	895	2,000
Hair shampoos	1,105	54	1,159
Needle sprays	2,992	2,537	5,529
Fan douches	2,591	2,303	4,894
Rain douches	1,105	54	1,159
<i>Continuous Baths:</i>			
Number of baths	5,513	5,548	11,061
Number of hours	36,594.35	56,011.39	92,606

Wet Sheet Packs:

Number of packs	11,388	15,897	27,285
Number of hours	32,536.45	50,986.25	83,523.10

Colonic Irrigations:

Number of irrigations	326	313	639
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Instructions:

Number of pupils	32	55	87
Continuous bath lessons —			
Number of lessons	6	86	92
Number of hours	7	152.30	159.30
Back lessons —			
Number of lessons	44	85	129
Number of hours	55	125.15	180.15

LABORATORY

Director — DONALD G. HENDERSON, M.D.

This department has continued to function in its old quarters which are highly undesirable in many ways. Plans have been evolved for a new laboratory suite which is to be a part of our new hospital building, and it is hoped that before the time for another report arrives, we will be occupying these new quarters.

This year was notable for the great increase in autopsies which is a good indication of the cooperation between clinical and pathological services. With a total of 209 deaths, postmortem permission was obtained in 117 cases, given an average of 56%. Occasional presentation of this material to the staff has continued, though sufficient time has not been available to use it to the greatest extent.

The medical students have continued to serve part of their time in the laboratory, and during the summer months, a volunteer worker, Miss Alva McKechnie, was instructed in the routine procedures of the technicians.

The laboratory reports were bound by the occupational therapy department, and we now have complete records in book form of the activities of this department from 1866 to the present date.

Among new procedures were instituted blood cholesterol determinations and blood sedimentation rates which have aided the clinicians in diagnosis. A new basal metabolism apparatus was installed late in the year, and this has increased the accuracy of these reports to a considerable extent.

A paper was published in the New England Medical Journal by Drs. Williams and Henderson on an improved method of restoring autopsied bodies which has been developed here, and has met with universal approval.

Daily bacteriological examination of the milk as it arrives from the farm and after it has been stored in the kitchen has been instituted as a control of this important food supply.

The following is a summary of the activities of this department:

Ascheim-Zondek test, 1; blood Widal agglutinations, 30.

Counts: spinal fluid cells, 110; complete blood, 996; differential white cell, 35; platelet, 1; red blood, 28; reticulocyte, 7; Schilling differential, 58; white blood, 9;

Cultures: — blood, 17; for B. Diphtheriae, 30; for haemolytic streptococci, 20; for other organisms, 37; stool for B. Typhosus, 681; for other organisms, 2;

Determinations: — basal metabolism, 14; bleeding and coagulation time, 10; blood cholesterol, 19; blood creatinine, 4; blood sugar, 203; blood urea nitrogen, 1; determination of diacetic acid and acetone, 297; determinations, haemoglobin, 1; spinal fluid colloidal gold, 115; spinal fluid gum mastic, 115; spinal fluid globulin and albumin, 115.

Examinations: — diagnostic tissue, 25; gastric contents, 5; postmortem (bacteriological), 15; postmortem (complete), 117; tissue (microscopic), 3,178.

Bacterial indices, 9; milk analysis (individual quantitative bacteria counts), 175; counting museum specimens, 5.

Red blood cell fragility test, 3; red blood cell volume index, 1.

Patients' pictures, 594; photographs of pathological material, 75.

Smears: — for bacillus diphtheriae, 20; for bacillus tuberculosis, 60; for gonococcus, 25; for malaria parasites, 18, for streptococci, 5.

Sputum examinations, 131; sputum typing for pneumonia, 15; stool examination for occult blood, 73; stool examinations for worms and ova, 4, surgical specimens 8; urinalysis, complete, 2,665; urinalysis, microscopic, 15; Van den Bergh reactions, 2.

SOCIAL SERVICE DEPARTMENT
Director — EMMA SHAW LOWE

The personnel of this department has remained the same with the exception that Charlotte Foye resigned on October 13, 1934 to be married. Miss Annie M. Heal, who had been employed here previously, and who had been studying for three years, succeeded her. We have two volunteer workers, one from Radcliffe College and one from Wheaton College.

The main work of the department consists in supervising patients on visit, in taking medical and social histories of all patients admitted to the hospital, in investigating home conditions and when necessary, circumstances preceeding admission. There is also much work done in connection with the psychiatrist in school and community clinics. Special effort has been made to have as many patients on trial report to the community clinics in order that there may be more time to devote to the supervision of patients at a distance.

The monthly conferences for all workers under the direction of Miss Hanna Curtis, Director of Social Service for the Department of Mental Diseases, have been omitted temporarily in the interest of economy, but the monthly Saturday morning conferences for head workers have been continued, and contribute to progress and uniformity in the social work in the different State hospitals. The workers have been present at the meetings of the hospital study group, which were made interesting this year by visiting physicians, experts in their fields. Other special conferences have been attended from time to time.

A summary of the work accomplished in this department follows:

SOCIAL SERVICE YEARLY STATISTICS

December 1, 1933 to November 30, 1934

I. NUMERICAL SUMMARY OF CASES:

	HOSPITAL CASES				COMMUNITY CASES				TOTAL		
	House Patients		Out Patients		Clinic Cases		Others				
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	T.
1. New cases	334	244	111	137	50	51	*374	127	869	559	1,428
2. Renewed cases from previous years	—	—	—	—	—	—	—	—	—	—	—
3. Renewed cases within the year	—	—	—	—	—	—	—	—	—	—	—
4. Continued cases from previous year	154	167	97	98	91	106	—	—	342	371	713
5. Cases closed during year	310	244	122	129	51	48	374	127	857	548	1,405
6. Cases continued to following year	178	167	86	106	90	109	—	—	354	382	736

*This number includes 77 male, 25 female juveniles; 237 male, 102 female school clinics, and 60 court cases.

II. SOURCES OF NEW CASES:

Number cases referred by physicians, 826; by community agencies, 602.

III. ANALYSIS OF WORK:

1. Purposes for which cases were referred: (a) Histories of Patients, taken at hospital, 352; taken outside hospital, 209; (b) Investigation—conduct disorders, 117; employment situations, 37; home conditions, 79; statement of patients, 141; statements of others, 174. (c) Supervision — home, 517; in industry, 19; in community, 39; (d) care of patient families, 49; (e) personal services, 446.

Problems: (a) Disease — mental, 517; physical, 55. (b) Sex problems — Promiscuity, 3; wayward tendencies, 22. (c) Environment — Financial difficulties, 114; employment difficulties, 70; unsuitable surroundings, 3; Friction, family, 58; others, 31; marital difficulties, 56. (d) Personality problems — temperament, 74; Anti-social Habits, 71; viciating interests, 24; (e) Educational problems—readjustment Habits

mind, 93; recreation, church, social relationships, 82; (f) Legal problem — Concerning property or support, 2; resulting from conduct of patient, 1.

V. SERVICE RENDERED

1. Medical:

Contribution of information re: Medical history, 669; home conditions, 607; condition of out-patients, 542.

2. Social:

Advice — to relatives, 353; to patients, 404; to others, 89. Connecting with agencies, 494; with individuals, 2,380; Personal services, 401.

SUPERVISION WORK:

1. Number of psychological tests to hospital patients, 116; to prisoners, 60; to juvenile delinquents, 102. Number patients on visit last day previous year, 195; discharged from visit during year, 128. Visits — to patients on ward, 398; on visit, 594; to relatives or friends, 377; social agencies, 184; others, 114.

2. Family care patients — number of patients visited, 14; boarding homes investigated, 3; Christmas boxes sent, 2.

I. CLINIC WORK:

1. Hospital Clinics — number of interviews with patients, 776; with relatives, 378;

2. School Clinics — number attended, 36; number of psychological tests, 336; miscellaneous work, arrangements with 16 superintendents for school clinics.

3. Community Clinics — Number attended, 132; interviews with patients, 250, others, 311.

II. MISCELLANEOUS:

1. Amount of expense account — school or community clinic work, \$79.85; hospital work, \$302.38.

2. Account of time — Number of days in hospital, 859½; outside hospital, 690; spent in school clinic work, 61; community clinic work, 134.

SPECIAL FEATURES:

Lectures — 24; Nurses training school.

Special Studies — Hospital study group, 7 meetings, 124 calls made in connection with study of cases discharged in 1920.

CONFERENCES:

Daily hospital conferences.

Saturday morning conferences at State House.

Massachusetts Conference of Social Workers at Wellesley — Annual Meeting.

Annual Conference of social workers in Department of Mental Diseases.

Annual meeting of Southeastern Committee of Mental Hygiene Society at Wrentham.

Annual meeting of Massachusetts Mental Hygiene Society.

OUT-PATIENT DEPARTMENT

Director — OLGA STEINECKE, M.D.

We have continued to maintain clinics in Attleboro, Fall River, New Bedford and Taunton. All these clinics are held at weekly intervals, with the exception of Attleboro which is visited monthly. We are glad to report a decided increase in the number of hospital cases which we contact at the clinics, and our new cases show an increase of twenty-nine over last year. We believe that this report justifies the expense and effort expended, and it is our hope to continue this service to the community. The physicians at the different agencies have always been cooperative. As a matter of expediency, some of the juvenile delinquent cases have been examined at the clinics, but this procedure is discouraged insofar as it is possible. Our travelling school clinic this year examined three hundred and thirty-nine children referred by the superintendents of twenty-five different towns. In two towns the school tests were done by the clinic workers, and in one of these towns the histories were also done by the workers. There still remains one city in our district that has failed to request that these examinations be made. The following is a statement of the work accomplished by the different clinics.

MENTAL CLINICS

Sources of Visits

	Number of Visits
Community Welfare	3
Children's Aid Society	2
School Department	26
Society for the Prevention of Cruelty to Children	8
Private physicians	42
Family Welfare Society	7
Catholic Welfare Bureau	1
Taunton State Hospital	770
Department of Public Welfare	7
Court (Chapter 215 Cases)	74
Others	72
	<hr/> 1,004

Attleboro	
Total Visits:	New Cases:
Male	Male
Female	Female
<hr/> Total	<hr/> Total

Fall River	
Total Visits:	New Cases:
Male	Male
Female	Female
<hr/> Total	<hr/> Total

New Bedford	
Total Visits:	New Cases:
Male	Male
Female	Female
<hr/> Total	<hr/> Total

Taunton	
Total Visits:	New Cases:
Male	Male
Female	Female
<hr/> Total	<hr/> Total

New male cases seen	
New female cases seen	
<hr/> Total new cases seen	1
Male visits to clinic	5
Female visits to clinic	4
<hr/> Total visits to clinic	1,0
There were also 101 cases examined according to the provisions of Chapter 21 Acts of 1931.	

School Clinics

Number of towns visited	
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	Male	Female	Total
<i>Examinations:</i>			
New cases	164	79	243
Old cases (re-examined)	73	23	96
Number of incompleated cases	2		
Number of completed cases	337		
Total number of cases	339	237	102
			339
<i>Recommendations:</i>			
Institutional care	129	55	184
Special Class	2	1	3
Other recommendations	105	45	150
Total number of recommendations	236	101	337

OCCUPATIONAL THERAPY DEPARTMENT

Director — Katherine MacKenzie

The work of this department has continued under the supervision of Miss MacKenzie, assisted by five aides, one physical director, and one director of music.

Classes in occupational therapy have been held regularly on fourteen wards and the main classroom. Physical education classes are held on ward E. C. 5 where the patients are given setting up exercises, and games are played. During the summer months, these activities are held chiefly on the lawn.

Every three months a group of affiliate and postgraduate nurses were given lectures in occupational therapy, and twenty hours in practical demonstration. Other students were given a course of seven lectures, and twenty hours of crafts and practical work in the classes.

As previously, all recreational activities were under the supervision of the occupational therapy department. Just previous to our annual Christmas program, the David F. Adams Post Auxiliary of the Veterans of Foreign Wars contributed entertainment and dance for the benefit of the ex-service men and any others who were able to attend. The holiday season opened with a Christmas cantata titled "They That Sit in Darkness", the cast being composed entirely of patients, for which many gifts for patients were distributed from the very attractively lighted Christmas trees. Those who were not able to come to the assembly hall for their gifts, received them on the wards. On Christmas Day, special religious services were held both morning and afternoon, and during the week following, entertainments were held at each colony as well as at the main hospital, and the program closed with an Employees' Ball on January 2. Everything possible was done to make the Christmas season a happy one for our patients, and it is believed that our efforts were repaid.

The following people very generously contributed to our annual Christmas Fund: Miss Mabel P. Brown, Mr. D. W. Haggerty, Mrs. Elizabeth Morrissey, Miss Dorothy Park, Mrs. Charles H. Cook, Mr. Joseph Moniz, Mr. Joseph H. Waldron, Mrs. Catherine McDonald, Mr. Frank Duarte, Miss Nellie Collins, Mrs. Mary E. O'Havan, Mr. Harvey C. Sampson, Mrs. Margaret E. Lane, Mr. Andrew Mann, Mrs. Emma E. Thompson, Mrs. Deborah Moore, Mr. Ernest A. Reed, Mrs. Leroy Henny, Miss Eva Jean LePage, Mr. Norman E. Elsbree, Mr. S. M. Stone, Mrs. Nellie Dyer, Mrs. Sarah E. Day, Mr. Isadore Levine, I. Schneierson & Sons, Inc., Mrs. Marie Rogers, Mr. J. A. Rogers, Mrs. Azelie Melancon, Mrs. Elizabeth C. M. Ford, Mr. Harry Atwood, Mrs. John Yates, Mrs. Adah Anthony, Mary E. Doyle, and Mrs. A. M. Lane, Mr. John Benedetti, Mrs. Catherine Canty, Dr. J. Went Thuot, Mrs. Mary Besse, Mr. Asa A. Mills, Mr. Charles C. Cain, Mr. William Cowell, Miss Martha West, Mrs. Patrick Lucey, Reverend Francis A. Carthy, Mr. Harry L. Shenk, Miss M. L. Robinson.

Other activities of the year follow in order of the date on which they occurred: January 22 — Travel Talk on Mexico by Reverend Leonard Holton, together with an entertainment consisting of vocal, instrumental music and readings.

February 14 — Valentine Party for patients.

February 21 and 22 — Washington's Birthday parties for patients and employees.

The hall was suitably decorated for both occasions and refreshments were served

February 27 — Minstrel show under the auspices of Loyal Easton Lodge I. O. O. F. M. U. of Easton, after which games and dancing were enjoyed by patients

March 14 and 15 — St. Patrick's Parties for patients and employees.

April 4 — Easter Party for patients.

April 10 — Minstrel show presented by the American Legion Auxiliary.

April 18 — Patroit's Day Party for patients.

April 26 — Concert by Taunton High School Band under direction of Mr. Robert W. Park. Exhibition floor drill by David F. Adams Post Auxiliary of the Veterans of Foreign Wars. Gifts of candy and apples were presented to the ex-service men.

April 30 — Operetta "Crocodile Island" presented by boys and girls of Wrentham State School.

May 6 — St. John's Episcopal Church junior choir furnished music for our Sunday afternoon service.

May 10 and 15 — Play "In Old Virginny" presented at Lovering and Border Colonies. Cast composed of 40 patients.

May 17 — Above play presented at main hospital.

May 21 — Fidelia Music Club presented an entertainment at Lovering Colony

May 28 and 31 — May Parties for patients and employees. Chapel was suitably decorated with lattice work and tulips.

July 4 — Annual Field Day. Show in the assembly hall in the afternoon. Entertainers from White's Agency, Boston, Mass.

August 9 — Whist Party for patients.

August 23 — Progressive whist party for patients.

August 30 — Amateur night. Prizes were awarded for singing, dancing and instrumental music contests.

September 13 — Play "The Great Bond Mystery" presented at main hospital

September 26 — Whist party for patients.

October 18 — Nurses' graduation exercises.

October 19 — Nurses' graduation dance.

October 31 and November 2 — Patients' and employees' Hallowe'en parties.

November 5 — Minstrel show presented by boys of St. Joseph's Church.

November 15 — Play "The Great Bond Mystery" presented at Lovering Colony

November 21 — Vaudeville show sponsored by the Emergency Relief Association

November 26 and 27 — Thanksgiving parties for patients and employees.

In addition to the above there were three Community Sings held at the main hospital during the month of July and two during the month of August. Weekly band concerts which were sponsored by the Emergency Relief Association, were held at the main hospital and both colonies. Motion pictures and dances were also held once a week.

The following is a report of the Occupational Therapy treatments during the year:

Cases		Cases	
Under treatment, first of year	343	Discontinued	17
Admitted during the year	996	Discharged	17
Previously treated	566	Died	
Not previously treated	430	Remaining under treatment end	
Transferred	652	of year	38
Total Number of Cases During the Year			1,391

Articles Completed by the Patients: — 181 rugs, 1 chair seat, 20 table covers, centerpieces, 451 runners, 1 scrim square, 16 chair sets, 9 arm rests, 7 doilies, crayoned wall hangings, 36 pillows, 11 pillow tops, 793 crepe paper flowers, 46 face cloths, 1 wool scarf, 1 shoulderette, 215 parole card cases, 148 coat bags, 17 key cords, 3 ferneries, 46 baskets, 11 jardinières, 2 door stops, 1 pipe rack, 12 checkerboards, 13 vases, 50 bags evergreen strung, 4 reed trays, 2 bed spreads, 1 luncheon set.

Miscellaneous: — 40 fire rules framed, 59 paper backs put on pictures, 14 notices lettered for Basket Ball Club, 30 posters made for employees' parties, 3 City Works Administration sign boards painted.

Book-binding — 3 volumes of American Journal of Medical Sciences, 35 volumes Journal of the American Medical Association, 11 volumes of the American Journal of Psychiatry, 9 volumes of the Archives of Neurology and Psychiatry, 14 volumes of Mental Hygiene, 20 autopsy reports, 2 volumes of Archives of Pathology, 3 volumes of the American Journal of Roentgenology, 5 volumes of the New England Medical Journal, 5 reports of the Commissioner of Mental Diseases, 7 volumes of the Journal of Nervous and Mental Diseases, 10 reports of the Taunton State Hospital, 8 volumes of the Boston Medical and Surgical Journals, 2 volumes Medical Record, 6 volumes of Medical Journal and Record, 1 volume of Operative Dentistry, were bound. The following books were repaired: 1 volume of Illustrated Stock Book, 1 volume of Essentials of Laboratory Diagnoses, 1 Optometric Book, 22 Church Hymnals, 1 Physics Book, 1 Binet Simon Test Book.

At Lovering Colony the following were made: 59 runners, 3 table covers, 1 centerpiece.

SCHOOL OF NURSING

Principal — ANNIE A. HALL, R. N.

Assistant Principal — IRLA P. JACKSON, R. N.

The enrollment of the school during the year was as follows: 13 seniors, 10 intermediates, 11 preliminary students, 21 postgraduates, and 22 affiliate nurses. Thirteen students successfully completed the three year course, fifteen completed the six months postgraduate course, and eighteen completed the three months affiliation course.

Classes in practical nursing were given to forty-nine attendant nurses — twenty-five males and twenty-four females.

Graduation exercises were held on October 18, 1934, and a dance on the following evening, both of which were well attended. Reverend Francis J. Maloney of Taunton delivered the graduation address and diplomas to the thirteen graduates were presented by Mrs. Mary Besse of Wareham, a member of the Board of Trustees. First and second prizes for general merit were awarded to Miss Florence Malone and Miss Josephine Galligan. The Linda Richards prize for the best theme on psychiatric nursing, given by the alumnae, was won by Miss Marion Carter.

It is with regret that we report the death of Miss Rita Hutchins, a member of the senior class, within three months of graduating, who passed away on November 19, 1934 at the Bristol County Sanatorium.

The affiliation with the Jordan Hospital in Plymouth terminated in June due to the discontinuance of the school at that hospital.

The following changes have occurred in the nursing personnel: Miss Susan Kane, R.N., graduate of Taunton State Hospital in 1933, Miss Sophie Kuss, R.N., graduate of Taunton State Hospital in 1932, and Miss Gertrude McGee, R.N., graduate of the Fall River General Hospital in 1931, resigned their positions as head nurses. Miss Edna Ashton, R.N., graduate of Taunton State Hospital in 1933, and Miss Eloise Rhodes, R.N., graduate of St. Vincent's Hospital in 1934, were appointed to head nurse positions. Miss Rhodes was obliged to resign because of ill health.

The alumnae association has been very active, and meetings have been well attended by staff nurses, as well as the district and annual meetings of the Massachusetts State Nurses Association. The A.N.A. Biennial Convention, held at Washington, D.C., was attended by Miss Annie A. Hall, R.N., as delegate of District No. 3, M.S.N.A., and Miss Sophie Kuss, R.N., delegate of Taunton State Hospital Alumnae Association.

As in other years, members of the medical staff and of the various other departments have been depended on for lecture courses and help in many other directions. The school is sincerely appreciative of the wholehearted manner in which these services have been rendered.

RELIGIOUS SERVICES

Religious services are conducted weekly as previously. On Sunday at 8:45 a.m. Catholic patients from both the main hospital and the colonies attend Mass in the chapel, and in the afternoon at 4:00 o'clock, there is a Protestant service in the

Chapel at the main hospital. Other Protestant services are conducted at each colony for the benefit of the patients there. The choirs participating, are composed of patients with Miss Frances Allen serving as director. The Jewish patients meet with Rabbi Jonas Kamin for their weekly services.

The following clergymen have responded to every need of the hospital promptly and had charge of the service from time to time: Reverends Frederick W. Alder, W. E. Cross, Linton Dwyer, John Findlay, Erastus Green, Cyril Hartman, Francis Maloney, H. M. Medary, Douglas Swaffield, Arthur Tansey, M. P. Tobey and Hansel Tower.

LIBRARY

Director — MR. CHARLES WADE

The library is now functioning in regular routine. Its removal from its old and inadequate quarters to a single, large, well lighted and well ventilated room with modern library equipment, necessitated certain changes, *i.e.*, the removal of books that have lost their interest for the book readers of today, and the re-arrangement of the books according to the system of the American Library Association. These changes have now been completed, and the library today consists of books of lasting value, fiction, non-fiction and books of current interest. Any book or portion of a book on any subject, can now be located without delay with our card catalogue fully equipped with cross references.

Books are now going at bimonthly intervals to both the colonies and to all wards on both divisions where patients care to read, making a total of thirteen wards in all. Magazines are also distributed at regular intervals.

Total number of books, November 30, 1934	6,17
Additions by gift	7
Additions by purchase	42
Employees' library cards	10
Total annual circulation	7,56

The following persons have contributed to the library during the year: Mr. A. C. Bent, Dr. William Wyatt, Mrs. T. W. Smith, Mrs. H. Robinson, Mrs. R. M. Be, Mrs. Richard Smerdon, Mrs. Catherine Smith, Mrs. Mabel Nightingale, Miss Bragg, Mrs. H. F. Woodward, Mrs. Clift, Mrs. Elizabeth C. M. Gifford, Mrs. Mary Besse, Mrs. G. Burt, Mrs. Walter Ware, Mrs. Hern, Mrs. L. Boyd, Mrs. H. Hastings, Miss Mary Morse, Mr. E. Russell Davol, Mrs. Allyn, Mrs. William Davis, Mrs. Elmer Robinson, Miss Dean, Mrs. K. L. Bragg.

MEDICAL LIBRARY

Director — DONALD G. HENDERSON, M.D.

That a medical library is one of the greatest assets of a hospital is a well recognized fact. For this reason, we are endeavoring to improve ours, in some way, every year. Several new books were purchased during the past year, and all of the periodicals received, have been bound.

The quarters in which the library is located are good from the standpoint of accessibility, but the space is limited, and it will not be long before other quarters will have to be sought.

We are hoping that it will be possible to subscribe for more journals in the very near future, as our present list is far from complete. Neurology and Psychiatry are the subjects which have been stressed, and we have more books and periodicals on these two subjects than on the other divisions of medicine, but general medicine, surgery, roentgeneology, and the other specialties have not been overlooked, and there are plenty of reference books on these subjects.

PUBLICATIONS

"Restoration of Autopsied Bodies — A Better Method" by Harold W. Williams, M.D., and Donald G. Henderson, M.D., published in the *New England Journal of Medicine* on August 23, 1934.

"The Relation of Arcus Senilis to Arteriosclerosis and Senility" by Charles White, M.D., published in the *New England Journal of Medicine* on January 3, 1935.

STEWARD'S DEPARTMENT *Kitchen and Bakeshop*

This department, under the supervision of our dietitian, Miss Harriet Glover, continues to add greatly to the comfort and satisfaction of the patients and employees. The matter of making six different menus per week over the period of fifty-two weeks in a year, without monotonous repetition, is a task not to be envied, but its solving by the dietitian causes no embarrassment. The cooking standards of the past years have been maintained, and many new and wholesome dishes have been offered.

We have discontinued making our own mix for ice cream. The purchased product is far superior to any that we have ever made, and this not to the disparagement of our cooks, as it is not possible to have the machinery to properly mix the ingredients. We might add that the purchase of this mix has resulted in an increase of only five cents a gallon.

The grease market being practically non-existent, the old system of selling rendered grease has been discontinued. This grease has been used to manufacture laundry soap, allowing us to discontinue the purchase of this product. We are now endeavoring to make chip soap for use in our laundry, and experiments have been carried on to that point where we can see that it is entirely practical.

The year saw us attain a new height in the canning and preserving of fruits and vegetables. A list of our accomplishments is given in the farm report.

The Bake Shop, while under the supervision of the dietitian, is directed by our head baker, Mr. Patrick Brown, who has continued to produce not only the bread consumed in the hospital, but pastries of all sorts, as well as a complete line of desserts. The hot muffins for breakfast, a very popular item on the menu, are also furnished by this department.

The Diet Kitchen, under Miss Dorothy T. Bailey, assistant dietitian, operates as a special unit apart from any other commissary division. It takes care of all the therapeutic diets, special orders and extra nourishments. Daily nourishment consisting of cocoa, eggnog, or milk is sent out each morning and afternoon to patients who need extra food apart from the regular diet. An average of 54 quarts of cocoa, 40 quarts of eggnog and 8 quarts of milk are distributed daily for this purpose.

The following is a list of the special meals which have been served during the year:

anemia	8,193	High protein	21
anemia, pernicious	9	House	597
diabetic	18,414	Ketogenic	3,144
employees' house	1,179	Liquid diet	1,311
at free	465	Low protein	1,293
astric No. 4	4,077	Meat Free	24
igh caloric	2,250	Reducing	627
igh caloric, soft solid	219	Sippy diet	579
igh carbohydrate	762	Soft solid	969
igh carbohydrate low protein	531	Specials	13,752
igh fat	12	Typhoid convalescent	5,193

LAUNDRY

The hospital laundry has operated under the supervision of Mr. Henry Prejsnar to a high degree of efficiency, this despite very crowded quarters plus the additional handicap of a large number of worn out and antiquated machines. During the past year a total of 2,145,247 pounds of laundry work was done, more than 87% of which was finished work.

A program for the elimination of stains was inaugurated, and is being carried forward with some degree of success, but this is a very difficult problem, and we hope for better results during the year 1935. Greater attention has been paid to those types of material which shrink readily, these being specially handled, and you can all see that much has been done in this direction.

The washing and mending of stockings has always been a great problem in that they are, under ordinary circumstances, not likely to get back to the places from

which they came. We have introduced a system whereby stockings leave the ward in a marked laundry net in which they are washed and tumbled. They are then returned to the mending department where the nets are opened individually, the stockings mended and returned to the ward in the same net. The exchange system which has been in vogue in this institution for some years past, will be discontinued during the next year, as we have not found it suitable for our needs. The year 1935 will find us using the marked system of laundry identification. The laundry work will bear the mark of the ward to which it belongs and after washing and ironing, the work will be sorted and returned to the particular ward.

The old machinery, previously mentioned, consists mostly of wash wheels, none of which are less than fifteen years old. Not only are these machines faulty and expensive to operate, but they turn out work inferior to that of the machines of the present day. We have requested that a sum of money be allotted to replace two of these wheels during the year 1935. This program of replacement will be continued each year until all our old wheels are no more.

An appropriation has been requested for the purpose of purchasing and installing one additional laundry chute. This chute when installed will practically eliminate the taking of soiled linen outside the hospital building in its trip to the laundry and this indeed will be most gratifying.

Garage

The garage has continued under the supervision of our foreman, Mr. Manso H. Wills. Despite the fact that many additional duties have been delegated to this department during the past few years, it has not been necessary to increase the number of machines. This is due chiefly to the fact that the cars are kept in excellent condition, and it is seldom that they are out of service for more than a few hours at a time.

One Ford sedan and one General Motor Company 1½ ton truck were purchased during the year. The truck is equipped with a semi-van body and canopy top. The loading area of this truck is materially increased over that of the one previously owned, and we are now able to transport to and from our colonies without embarrassment. In our budget for 1935 there is a request for one car which is to take the place of the Studebaker which will start its seventh year next spring.

Storeroom

This branch, under the supervision of Mr. John Finn, has carried on with a minimum of difficulty. The inventories were accurately maintained and the care given to all merchandise has been satisfactory. Special attention has been paid to the handling of meats, each carcass having been divided into the different cuts generally recognized by the meat trade. These different cuts are then used only for the purpose for which they are intended. This eliminates the possibility of sending undesirable cuts to be roasted or broiled, and for that reason, is very popular with the kitchen. Ample supplies of salt pork and corned beef are assured, and head cheese, sausage, jellied tongue, etc., are on hand the greater part of the time. All of this is a great aid in increasing the variety of meats on our menus.

In the interest of better identification with the resulting increase in the factor of safety, as well as better inventories, all shipments of alcohol, kerosene, and insecticide are broken down and placed in one gallon cans.

Samples of all food stuffs have regularly been sent to the purchasing laboratory for analysis and inspection.

Salvage Yard

This section, under Mr. Joseph Lynch, blacksmith, operates very successfully. The work of reclaiming odds and ends which have a value, and the condemning and disposing of worn out materials continues to be the major work. In addition to this, however, horses are shod, wagons and other farm implements repaired and painted. The blacksmith has also been able to do a great deal of metal work in and about the hospital.

An important step of the year was the introduction of the acetylene torch for braising, welding and cutting, this being work that was formerly done outside. Another accomplishment was the manufacture of cement pipe, hundreds of feet of 12", 18" and 24" being made.

INDUSTRIAL DEPARTMENT

We have continued to employ more than one hundred patients in this department during the year, and we hope that this number may be increased next year, as the benefit that they derive is unmeasurable. The institution also derives much benefit in that many of the products which we manufacture are made to order, and therefore, much better suited to the purpose for which they are intended. This applies especially to suits and dresses, it being impossible to fit some individuals from stock sizes. If others are not available, they are likely to have ill-fitting clothes which at least are uncomfortable.

The repairs accomplished in this department constitute one of our greatest economies, and would alone justify its maintenance. A summary of the work accomplished follows:

Furniture Shop

Manufactured: — 10 doors, 80 brush backs, 4 clothes boxes, 19 wardrobes, 1 coat rack, 36 baskets and bases, 1 pedestal.

Repaired: — 246 doors, 403 chairs, 118 tables, 10 beds, 44 racks, 70 drawers, 67 bureaus, 9 commodes, 12 wardrobes, 2 bookcases, 7 desks, 4 mirrors, 2 bed trays, 1 piano.

Industrial Shop

Manufactured: — 848 mattresses, 608 pillows, 798 brooms, 551 brushes, 111 pails, 4 wire hooks, 33 wreaths, 1 metal airshaft, 21 rope mats, 5 drip pans, 1 stove pipe, 1 metal ring, 56 metal covers, 73 window shades, 1 metal flue, 1 metal handle, 1 metal tool bore, 2 metal screens, 1 metal fernery, 209 dry mops, 144 wet mops, 1 funnel, 11 cushions, 3 colanders.

Repaired: — 37 brushes, 12 boilers, 38 cans, 11 covers, 24 clocks, 7 colanders, 5 chairs, 5 containers, 8 cues, 3 baskets, 6 dispensers, 2 dippers, 1 bowl, 2 eggbeaters, 1 handle, 3 coalhods, 2 hanging signs, 1 holder, 4 mop wringers, 18 pans, 25 pails, 107 pots, 11 pitchers, 1 plunger, 18 racks, 3 signs, 3 sinkboards, 32 shades, 12 trainers, 11 sprayers, 1 sterilizer, 2 tubs, 1 tank, 1 shelf, 37 tins, 1 door, 9 scrapers, 1 screens, 1 measure, 1 spout, 2 bells, 2 ladles, 1 fernery, 1 foot stool, 1 divan, 1 box, 1 ventilator, 1 scoop, 1 pipe, 1 table, 1 truck, 6 tins stamped, 44 tags stamped.

Upholstered: — 2 sofas, 17 chairs, 29 cushions, 9 divans, 2 pool tables.

Caned: — 44 chairs.

Tailor Shop

Manufactured: — 226 suits, 115 white coats, 72 pairs white pants, 56 cotton coats, 50 pair cotton pants, 2 dairy jumpers, 3 pairs dairy pants, 92 overall jumpers, 4 pairs overall pants, 273 pairs overalls, 32 bathrobes, 4 suits pajamas, 322 rag rugs, 3 pairs curtains.

Repaired: — 1 rubber cape, 1 rug, 1 sinkboard, 1 tank, 3 covers, 1 art square.

Cleaned and pressed: — 6,599 suits, 71 dresses, 16 women's coats, 11 sweaters, 1 shoulderettes, 33 neckties, 5 bathrobes.

Cleaned and blocked: — 62 hats.

Miscellaneous: — 778 grummets put in towels, 52 grummets put in tub covers, 7 grummets put in bags, 24 fasteners sewed on rugs, 15 carpets rebound.

Shoe Shop

Manufactured: — 286 pairs men's shoes, 30 pairs women's shoes, 148 pairs slippers, 5 pairs straps.

Repaired: — 4 rubber aprons, 1 horse collar, 1 baseball shield, 6 pairs baseball shoes, 7 baseball gloves, 12 baseballs, 6 pool pockets, 3 bags, 145 pairs straps, 2 rubber matting, 1,523 pairs rubber heels put on, 173 pairs rubber lifts put on, 1 pairs rubber heels, 383 pairs leather heels, 669 sewed taps, 470 nailed taps, 644 pairs patched, 297 soles patched, 392 rips sewed up, 452 pairs heel linings put in.

Sewing Room

Manufactured: — 18 abdominal binders, 491 aprons, 101 ladies' bed jackets, 2 bibs, 8 binders, 504 blankets hemmed, 319 blankets hemmed and tagged, 88 pairs bloomers, 72 booties, 2 canvas covers, 196 caps, 54 coffee bags, 77 pillow covers, 371 pairs curtains, 2 cushion covers, 28 diapers, 10 pairs draperies, 500

dressess, 12 dusters, 162 face cloths, 27 gowns, 84 hammocks, 84 cafeteria headbands, 24 hot water bottle covers, 256 laundry bags, 114 mattress ticks, 48 pair mittens, 11,507 napkins, 432 nightgowns, 9 pairs overdresses, 3,627 sheets, 6 pair holders, 42 suits pajamas, 6 pastry bags, 2,201 pillow slips, 10 pillow cushions, 5 screen covers, 3,627 sheets, 185 pairs men's shorts, 704 men's shirts, 110 shrou squares, 808 sick shirts, 36 sitz aprons, 123 women's slips, 120 stocking bags tagged, 292 table cloths, 193 pairs tie backs, 7,274 towels, 85 tub covers, 18 T binders, 16 utility cases, 126 valances, 1½ yds. white scrim.

At Lovering Colony the following articles were made: — 180 aprons, 18 pair curtains, 14 pairs curtains hemstitched, 15 dresses, 84 laundry bags, 298 napkins, 72 men's night shirts, 46 puffs, 92 sheets, 36 ladies' sick shirts, 120 men's shirts, 3 slips, 52 table cloths.

Mending Room

Repaired: — 1,666 aprons, 237 bathrobes, 412 bibs, 289 blankets, 2 pairs booties, 833 B.V.D., 16 caps, 294 coats, 2 pairs corsets, 55 curtains, 1,400 drawers, 5,53 dresses, 76 face cloths, 120 gowns, 11 ice bags, 4,635 laundry bags, 597 mattress ticks, 1,700 napkins, 12,912 night dresses, 210 overalls, 54 pairs pants, 504 pillow slips, 57 puffs, 2,953 sheets, 5,098 shirts, 1,660 slips, 476 spreads, 12,467 pair stockings, 24 sweaters, 88 table cloths, 1,108 towels, 743 tub covers, 1,387 union suits, 6 utility cases.

FARM

Director — MR. FRED GULLON

The farm has had a fairly good year, and despite the fact that the cost of operation has increased materially, a fair profit was realized. All of our garden crops were satisfactory with the exception of the potato crop where the yield was small but of good quality. This was due to excessive drought during the month of July. Our root cellars were filled to capacity, and if we are successful in keeping the products in storage, we will have enough to last us through the season. In addition much of our crop was canned, as is shown by the following report: — 6,930 No. 1 can string beans, 786 No. 10 cans beets, 1,153 No. 10 cans cabbage, 1,846 No. 1 can carrots, 3,486 No. 10 can chard, 1,291 No. 10 can onions, 514 No. 10 can pumpkins, 190 gallons sauerkraut, 207 No. 10 can winter squash, 454 No. 10 can summer squash, 5,775 No. 10 can tomatoes, 30 quarts apple jelly, 222 quarts grape jelly, 236 gallons mustard pickle, 350 gallons piccalilli, 425 gallons cucumber pickle, 155 gallons sweet pickles.

The need of a new root cellar has been pointed out in our annual reports for many years, and again I am forced to bring the matter to your attention.

The production of our herd has increased somewhat during the year, but is still far below the average of other hospital herds. This has been due to contagious abortion which we have been fighting during the last two years. Most of the infected cows have been disposed of, and we are hoping that before next year's report is written, this disease will have been completely eradicated. We are indebted to Farm Supervisor, E. H. Forristall, for much valuable advice concerning this subject.

We have continued to produce in the neighborhood of 50 pounds per capita of pork, and we feel that the limit has not yet been reached. An abundance of fresh eggs and meat has been produced in the poultry department. Our egg production has amounted to 185 eggs per hen. Practically all of the work of this department has been accomplished by patients working under the supervision of one of our assistant head farmers.

Our orchards and small fruit trees were severely damaged by the unusually cold weather of last winter. As a result, the amount of fruit produced was very small and we will not know the full extent of the damage until next Spring. It is possible that quite a number of our young apple trees have been ruined. All of the trees in our peach orchard were killed and had to be removed. An attempt was made to replace it, but the stock purchased was found to have been damaged by the winter, and only a small percentage of the transplantation was successful. All of this is being made good by the nursery from which the stock was purchased, but the year has been lost.

Our florist has continued to produce many cut flowers and potted plants, and these have done much to brighten up the wards. The nursery has produced many shrubs which have been very valuable in extending our landscaping program. All of our shade trees have been trimmed, and carefully canvassed for gypsy moths. Fertilizing has begun to show in the improvement of our lawns. We are hoping for the time when much of the land now kept in natural state can be turned into lawn, and plans are being made to do some of this work next year.

I wish to call your attention to the fact that all of the farming activities at the main hospital with the exception of the garden, will have to be transferred to the Borden Colony before very long because of the construction of the new hospital group. The present location of the buildings at that colony is not satisfactory because of the wetness of the land in that vicinity; consequently, I would recommend as renewal of these buildings becomes necessary, that they be re-located on another site about one half a mile west of King Phillip Street. The land in the vicinity mentioned is high and admirably suited to the purpose. I would recommend the immediate construction of a piggery and poultry plant as well as a dormitory to accommodate fifty or sixty male patients. This would result in the establishment of a nucleus of what would eventually be a complete farm unit as time progresses. The renewal of many of the buildings now in use at this colony will be necessary before many years. I believe that this part of our program is exceedingly important, and I hope that the Board will see fit to give it serious consideration.

The production of the farm follows: (In pounds) 565,606 milk, 11,991 beef, 2,055 liver, 81,245 pork, 6,178 fowl, 3,133 chicken, 685 broilers, 156,975 potatoes, 1,057 asparagus, 30,077 string beans, 907 shell beans, 43,469 beets, 1,694 broccoli, 139 brussel sprouts, 99,963 cabbage, 11,061 cantaloupes, 37,340 carrots, 521 cauliflower, 40 celery, 38,031 swisschard, 25,065 sweet corn, 8,004 table cucumbers, 1,005 dandelions, 1,440 egg plant, 2,110 kohlrabi, 482 leek, 7,709 lettuce, 64,887 onions, 24,170 parsnips, 2,276 green peas, 472 green peppers, 11,525 pumpkins, 3,469 radish, 4,221 rhubarb, 3,270 spinach, 23,013 summer squash, 51,452 winter squash, 70,705 green and ripe tomatoes, 46,022 turnips, 3,883 turnip greens, 712,709 ensilage, 25,900 greenfeed, 13,740 clover greenfeed, 66,236 oats, 231,660 mangels, 56,800 millet, 6,241 apples (1st), 1,866 apples (2nd), 616 grapes, 620 red raspberries, 3,978 strawberries, 16,720 7/12 dozen eggs.

REPAIRS ORDINARY

Much work has been accomplished with the money appropriated under this heading during the year. More than the usual amount of both in-door and out-door painting has been done. The custom of leaving the choice of decoration to the heads of departments has been continued and we believe, has added much to the attractiveness of the different parts of the hospital.

Extensive repairs have been made at the Borden Colony. The Leonard House is undergoing complete renovation including the renewal of electric wiring, plumbing, plaster and floors. A new terrazzo floor has been installed in the dining room of the brick cottage and the old clothing rooms which are no longer in use because of the new section established in the basement of this building last year, have been torn out and made available for dormitory space. Numerous repairs have been necessary on all of the old barns at this colony. The floor in the dining room at Covering Colony was relaid and refinished, and is as good as new. It is planned to relay all the floors in the buildings there, as they are all old and in poor condition. Several ceilings have been replaced and much plastering has been done.

REPAIRS AND RENEWALS

The following improvements were made possible by appropriations under this heading this year:

A new hot water heater and storage tank of 1,500 gallon capacity replaced the worn out unit in the boiler room.

A new pasteurizer, two tubular milk coolers, a clarifier, refrigeration unit, as well as all other small equipment necessary in a modern milk handling plant, were installed in the dairy at Raynham. This is a great improvement and will enable us to handle our milk in accordance with the latest improved method.

Mixing machines were installed in the kitchens of both Borden and Lovering Colonies, and a friolator in the main kitchen.

The following items were requested in our budget estimates for the year 1935:—

Laundry equipment	\$6,000.00
Laundry chutes	425.00
Extension of street lights.	500.00
Power mower	400.00
Improvement to heating system	300.00
Sidewalks and roads construction	500.00
Pressure water cooler	275.00
Power factor corrector	1,650.00
Renovate ceilings at main hospital	500.00
Linoleum (Main Hospital)	1,190.00
Canning room equipment	800.00
Electric master clock	1,800.00
Transit	362.00
Dry cleaning apparatus	1,850.00
Connect distribution line to homes and cottages with high tension lines	800.00
Monitor roof	400.00
Roof Repairs at Lovering Colony	450.00
Linoleum for male home	3,430.00
Heating changes	1,050.00
Renovate Engineer's Work Shops	1,600.00
Increase in heating (east and west extensions)	2,800.00
Farm fencing	500.00
Repairs to cow barn and dairy roofs	700.00
Ladders	90.38
Replacing plumbing fixtures at Borden Colony	510.00

ACKNOWLEDGEMENT

In conclusion, permit me to express my appreciation to all those who have made donations to our library and Christmas Fund during the past year, and to the organizations and societies who have aided in the entertainment of our patients. I am extremely grateful to the members of the Board for their unfailing interest and advice, and deeply indebted to the employees of the institution who, by their efforts, have made the work of this year possible.

RALPH M. CHAMBERS, M.D.,
Superintendent.

VALUATION

November 30, 1934
REAL ESTATE

Land, 456 acres	\$63,000.00
Buildings and betterments	1,165,047.00
	<hr/> \$1,228,047.00

PERSONAL PROPERTY

Travel, transportation and office expenses	\$4,829.38
Food	7,704.38
Clothing and materials	22,072.00
Furnishings and household supplies	124,791.50
Medical and general care	16,080.00
Heat and other plant operation	5,332.00
Farm	42,234.00
Garage and grounds	5,677.90
Repairs	16,501.00
	<hr/> \$245,224.00

SUMMARY

Real estate	\$1,228,047.00
Personal property	245,224.00
	<hr/> \$1,473,272.00

FINANCIAL STATEMENT

To the Department of Mental Diseases:

I respectfully submit the following report of the finances of this institution for the fiscal year ending November 30, 1934.

STATEMENT OF EARNINGS

Board of patients	\$57,576.26
Personal Services	181.00
Sales:	
Travel, transportation and office expenses	\$21.55
Food	74.44
Clothing and materials	39.20
Furnishings and household supplies	21.45
Medical and general care	4.50
Heat and other plant operations	34.00
Garage and grounds	1.60
Repairs ordinary	133.04
Farm	209.85
Total sales	539.63
Miscellaneous:	
Miscellaneous	\$37.20
Interest on bank balances	119.94
Rents — House and room	595.00
Garage	627.50
Board of Employees	270.00
Total miscellaneous	\$1,849.64
Total earnings for the year	\$60,146.53
Total case receipts reverting and transferred to the State Treasurer	\$60,146.53
Accounts receivable outstanding December 1, 1933	—
Accounts receivable outstanding November 30, 1934	—
Accounts receivable increased	—

MAINTENANCE APPROPRIATION

Balance from previous year, brought forward	\$8,400.16
Appropriation, current year	483,015.00
Total	\$491,415.16
Expenditures as follows:	
1. Personal services	\$269,353.30
2. Food	71,935.91
3. Medical and general care	8,749.02
4. Religious instruction	2,009.86
5. Farm	22,338.52
6. Heat and other plant operation	39,436.04
7. Travel, transportation and office expenses	5,788.98
8. Garage and grounds	4,052.54
9. Clothing and materials	7,980.93
0. Furnishings and household supplies	21,690.78
1. Repairs ordinary	12,099.24
2. Repairs and renewals	5,941.44
Total maintenance expenditures	\$471,376.56
Balance of maintenance appropriation, November 30, 1934	20,038.60
	\$491,415.16

SPECIAL APPROPRIATIONS

Balance December 1, 1933 brought forward	\$14,374.06
Appropriations for current year	972,000.00
Total	\$986,374.06
Expended during the year (see statement below)	\$13,072.75
Reverting to Treasury of Commonwealth	—
(Star balances below that are reverting)	13,072.75
Balance November 30, 1934, carried to next year	\$973,301.31

APPROPRIATION	Act or Resolve Ch. Year	Total Am't. Appropriated	Expended during Fiscal Year	Total Expended to Date	Balance at end of Year
Superintendent's house construction	115-1930 170-1932	\$19,500.00	\$10,617.43	\$17,243.37	\$2,256.63
Superintendent's house furnishings	115-1930 170-1932	1,500.00	1,354.62	1,354.62	145.38
Mass. State Project No. M-47 Docket No. 4,477 Hospital Building, In- firmatory, etc.		951,000.00	308.99	308.99	950,691.01
Mass. State Project No. M-46 Docket No. 5,440 — sprinklers		21,000.00	791.71	791.71	20,208.29

PER CAPITA
During the year the average number of patients has been, 1,553.
Total cost of maintenance, \$471,376.56
Equal to a weekly per capita cost of (52 weeks to year), \$5.8370
Total receipts for the year, \$60,146.53
Equal to a weekly per capita of, \$.7448
Total net cost of maintenance for year, \$411,230.03
Net weekly per capita, \$5.0922

Respectfully submitted,
YVONNE B. PATERNAUDE,
Treasurer.

STATISTICAL TABLES

AS ADOPTED BY THE AMERICAN PSYCHIATRIC ASSOCIATION PRESCRIBED BY THE
MASSACHUSETTS DEPARTMENT OF MENTAL DISEASES

TABLE 1. General Information
(Data correct at end of institution year November 30, 1934)

1. Date of opening as a hospital for mental diseases, 1854.									
2. Type of hospital: State.									
3. Hospital plant									
Value of hospital property:									
Real estate, including buildings								\$1,228,047.17	
Personal property								245,224.86	
Total								\$1,473,272.03	
Total acreage of hospital property owned, 456									
Additional acreage rented, none.									
Total acreage under cultivation during previous year, 176¾									
4. Officers and employees:									
	Actually in Service			Vacancies at End					
	at End of Year			of Year					
	M.	F.	T.	M.	F.	T.			
Superintendents	1	—	1	—	—	—			
Assistant physicians	9	1	10	—	—	—			
Total physicians	10	1	11	—	—	—			
Stewards	1	—	1	—	—	—			
Resident dentists	1	—	1	—	—	—			
Pharmacists	—	1	1	—	—	—			
Graduate nurses	1	18	19	—	—	—			
Other nurses and attendants	78	62	140	4	3	7			
Occupational therapists	—	8	8	—	—	—			
Social workers	—	3	3	—	—	—			
All other officers and employees	61	63	124	2	4	6			
Total officers and employees	152	156	308	6	7	13			
5. Census of patient population at end of year:									
	Actually in Hospital			Absent from Hospital					
				but still on Books					
	M.	F.	T.	M.	F.	T.			
WHITE:									
Insane	760	762	1,522	81	99	180			
Alcoholics	3	—	3	1	—	1			
Drug addicts	1	—	1	—	—	—			
All other cases	1	—	1	2	—	2			
Total	765	762	1,527	84	99	183			
OTHER RACES:									
Insane	14	14	28	—	1	1			
Total	14	14	28	—	1	1			
Grand Total	779	776	1,555	84	100	184			
			Males		Females	Total			
6. Patients under treatment in occupational-therapy classes, including physical training, on date of report			139		277	416			
7. Other patients employed in general work of hospital on date of report			483		487	970			
8. Average daily number of all patients actually in hospital during year			777.9692		774.6691	1,552.6383			
9. Voluntary patients admitted during year			8		6	14			
10. Persons given advice or treatment in out-patient clinics during year			551		453	1,004			

TABLE 3. *Nativity of First Admissions and of Parents of First Admissions*

NATIVITY	PATIENTS			PARENTS OF MALE PATIENTS			PARENTS OF FEMALE PATIENTS		
	M.	F.	T.	Fathers	Mothers	Both Parents	Fathers	Mothers	Both Parents
United States ¹	119	97	216	59	58	48	39	42	35
Belgium	1	—	1	1	1	1	—	1	—
Canada ²	23	15	38	34	30	26	24	26	21
Denmark	1	—	1	1	1	1	1	—	—
England	8	13	21	13	16	10	22	18	16
Finland	2	3	5	2	1	1	4	3	3
France	—	1	1	1	—	—	1	1	1
Germany	2	2	4	4	2	2	3	3	3
Greece	—	1	1	—	—	—	1	1	1
Ireland	4	7	11	23	23	21	16	17	13
Italy	7	2	9	7	5	5	2	2	2
Norway	—	1	1	—	—	—	1	1	1
Poland	2	4	6	6	6	6	4	4	4
Portugal	15	8	23	22	21	21	18	16	16
Russia	3	—	3	3	3	3	1	—	—
Scotland	1	—	1	3	2	1	4	4	2
Sweden	2	1	3	2	2	2	2	2	2
Wales	—	1	1	—	—	—	—	—	—
West Indies ³	1	—	1	1	1	1	1	—	—
Other Countries	2	5	7	2	2	2	5	5	5
Unknown	1	—	1	10	20	9	12	15	11
Total	194	161	355	194	194	160	161	161	136

¹(Persons born in Hawaii, Porto Rico and the Virgin Islands should be recorded as born in U. S.)

²Includes Newfoundland.

³Except Cuba, Porto Rico and Virgin Islands.

TABLE 4. Age of First Admissions Classified with Reference to Nativity, and Length of Residence in the United States of the Foreign Born

AGE GROUPS YEARS	NATIVE BORN			FOREIGN BORN										Nativity Unknown				
	Aggregate	PARENTAGE			Total	TIME IN UNITED STATES BEFORE ADMISSION					Unknown							
		Native	Foreign	Mixed		Unknown	Total	Under 5 years	5-9 years	10-14 years		15 years and over						
M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	
0-14	-	1	1	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-
15-19	7	5	12	6	5	11	-	-	-	-	-	-	-	-	-	-	-	-
20-24	13	9	22	13	9	22	-	-	-	-	-	-	-	-	-	-	-	-
25-29	15	10	25	13	9	22	-	-	-	-	-	-	-	-	-	-	-	-
30-34	16	16	32	12	10	22	-	-	-	-	-	-	-	-	-	-	-	-
35-39	13	12	25	8	9	17	-	-	-	-	-	-	-	-	-	-	-	-
40-44	12	11	23	7	10	17	-	-	-	-	-	-	-	-	-	-	-	-
45-49	12	13	25	4	10	14	-	-	-	-	-	-	-	-	-	-	-	-
50-54	11	17	28	6	3	9	-	-	-	-	-	-	-	-	-	-	-	-
55-59	15	13	28	7	7	14	-	-	-	-	-	-	-	-	-	-	-	-
60-64	15	12	27	9	4	13	-	-	-	-	-	-	-	-	-	-	-	-
65-69	19	6	25	6	2	8	-	-	-	-	-	-	-	-	-	-	-	-
70-74	20	13	33	10	7	17	-	-	-	-	-	-	-	-	-	-	-	-
75-79	15	11	26	10	4	14	-	-	-	-	-	-	-	-	-	-	-	-
80-84	8	9	17	7	4	11	-	-	-	-	-	-	-	-	-	-	-	-
85 yrs. and over	3	3	6	1	3	4	-	-	-	-	-	-	-	-	-	-	-	-
Total	194	161	355	119	97	216	47	36	83	29	18	47	7	10	17	74	64	138

TABLE 5. *Citizenship of First Admissions*

	M.	F.	T.
Citizens by birth	119	97	216
Citizens by naturalization	29	26	55
Aliens	40	28	68
Citizenship unknown	6	10	16
Total	194	161	355

TABLE 6. *Race of First Admissions Classified with Reference to Principal Psychoses*

RACE	Total			With syphilitic meningo-encephalitis			With other forms of syphilis			Alcoholic psychoses		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
African (black)	5	5	10	—	2	2	1	—	1	1	—	—
Armenians	11	—	—	—	—	—	—	—	—	—	—	—
Bulgarian	1	—	1	—	—	—	—	—	—	—	—	—
English	58	51	109	7	1	8	—	—	—	4	1	5
Finnish	2	3	5	—	—	—	—	—	—	—	—	—
French	29	21	50	1	1	2	—	—	—	4	1	5
German	2	3	5	—	—	—	—	—	—	—	—	—
Greek	—	1	1	—	—	—	—	—	—	—	—	—
Hebrew	1	1	2	—	—	—	—	—	—	—	—	—
Irish	25	20	45	2	1	3	—	—	—	6	1	7
Italian ¹	7	2	9	—	—	—	—	—	—	1	—	1
Lithuanian	1	—	1	—	—	—	—	—	—	1	—	1
Portuguese	19	16	35	3	2	5	—	—	—	2	—	2
Scandinavian ²	3	4	7	—	—	—	—	—	—	1	—	1
Scotch	1	3	4	—	—	—	—	—	—	—	—	—
Slavonic ³	7	6	13	1	—	1	—	—	—	1	—	1
Syrian	—	2	2	—	—	—	—	—	—	—	—	—
West Indian ⁴	—	1	1	—	—	—	—	—	—	—	—	—
Other specific races	2	1	3	—	—	—	—	—	—	—	—	—
Mixed	26	13	39	2	4	6	—	—	—	6	—	6
Race unknown	5	7	12	1	—	1	—	—	—	—	—	—
Total	194	161	365	17	11	28	1	—	1	27	3	30

TABLE 6. *Race of First Admissions Classified with Reference to Principal Psychoses — Continued*

RACE	Traumatic psychoses			With cerebral arterio-sclerosis			With convulsive disorders (epilepsy)			Senile psychoses			Involutional psychoses		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
African (black)	—	1	1	1	—	1	—	—	—	—	—	—	—	—	—
Armenian	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Bulgarian	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
English	1	—	1	19	9	28	1	—	1	9	13	22	—	5	5
Finnish	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
French	1	—	1	8	2	10	—	1	1	3	4	7	—	2	2
German	—	—	—	2	2	4	—	—	—	—	—	—	—	—	—
Greek	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hebrew	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Irish	1	—	1	8	5	13	—	—	—	4	2	6	—	2	2
Italian ¹	—	—	—	1	—	1	—	—	—	—	—	—	—	1	1
Lithuanian	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Portuguese	—	—	—	4	2	6	—	1	1	—	—	—	1	3	4
Scandinavian ²	—	—	—	1	1	2	—	—	—	—	—	—	—	1	1
Scotch	—	—	—	—	—	—	—	—	—	—	1	1	—	—	—
Slavonic ³	—	—	—	1	—	1	—	—	—	—	2	2	—	2	2
Syrian	—	—	—	—	1	1	—	—	—	—	—	—	—	—	—
West Indian ⁴	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other specific races	—	—	—	2	—	2	—	—	—	—	—	—	—	—	—
Mixed	—	—	—	4	—	4	1	—	1	3	2	5	3	—	3
Race unknown	—	—	—	4	1	5	—	—	—	—	2	2	—	2	2
Total	3	1	4	55	23	78	2	2	4	19	26	45	4	18	22

¹Includes "North" and "South".
²Norwegians, Danes and Swedes.
³Includes Bohemian, Bosnian, Croatian, Dalmatian, Herzegovinian, Montenegrin, Morvian, Polish, Russian, Ruthenian, Servian, Slovak, Slovenian.
⁴Except Cuba.

TABLE 6. — *Race of First Admissions Classified with Reference to Principal Psychoses — Continued*

RACE	Due to other metabolic diseases, etc.			Due to new growth			With organic changes of nervous system			Psycho-neuroses			Manic-depressive psychoses		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
African (black)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Armenian	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Bulgarian	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—
English	—	2	2	—	—	—	—	—	—	—	1	1	1	5	6
Finnish	—	—	—	1	—	1	—	—	—	—	—	—	—	—	—
French	—	1	1	—	—	—	—	—	—	—	—	—	1	1	2
German	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Greek	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1
Hebrew	—	—	—	—	—	—	—	—	—	—	—	—	1	—	1
Irish	—	2	2	—	—	—	—	—	—	1	2	3	—	1	1
Italian ¹	—	—	—	—	—	—	—	—	—	—	—	—	1	—	1
Lithuanian	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Portuguese	—	—	—	—	—	—	2	—	2	—	—	—	—	1	1
Scandinavian ²	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—
Scotch	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—
Slavonic ³	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Syrian	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—
West Indies ⁴	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other specific races	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mixed	—	—	—	—	—	—	—	1	1	—	1	1	—	1	1
Race unknown	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	1	8	9	1	—	1	2	1	3	1	4	5	4	10	14

TABLE 6. *Race of First Admissions Classified with Reference to Principal Psychoses — Concluded*

RACE	Dementia praecox			Paranoia and paranoid conditions			With mental deficiency			Undiagnosed psychoses			Without psychoses		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
African (black)	2	2	4	—	—	—	—	—	—	—	—	—	—	—	—
Armenian	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—
Bulgarian	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
English	10	11	21	—	1	1	4	2	6	—	—	—	2	—	2
Finnish	1	3	4	—	—	—	—	—	—	—	—	—	—	—	—
French	8	6	14	1	—	1	1	2	3	—	—	—	1	—	1
German	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—
Greek	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hebrew	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—
Irish	2	1	3	—	3	3	—	—	—	1	—	1	—	—	—
Italian ¹	2	1	3	1	—	1	1	—	1	—	—	—	—	—	—
Lithuanian	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Portuguese	6	6	12	—	—	—	1	1	2	—	—	—	—	—	—
Scandinavian ²	1	1	2	—	—	—	—	—	—	—	—	—	—	—	—
Scotch	1	—	1	—	—	—	—	1	1	—	—	—	—	—	—
Slavonic ³	4	—	4	—	1	1	—	1	1	—	—	—	—	—	—
West Indian ⁴	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—
Other specific races	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—
Mixed	5	4	9	—	—	—	1	—	1	—	—	—	1	—	1
Race unknown	—	1	1	—	—	—	—	1	1	—	—	—	—	—	—
Total	42	41	83	2	5	7	8	8	16	1	—	1	4	—	4

¹Includes "North" and "South".²Norwegians, Danes and Swedes.³Includes Bohemian, Bosnian, Croatian, Dalmatian, Herzegovinian, Montenegrin, Moravian, Polish, Russian, Ruthenian, Servian, Slovak, Slovenian.⁴Except Cuba.

TABLE 7. *Age of First Admissions Classified with Reference to Principal Psychoses*

PSYCHOSES	Total			0-14 years			15-19 years			20-24 years			25-29 years		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encephalitis	17	11	28	-	-	-	-	-	-	-	1	1	1	-	1
With other forms of syphilis	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Alcoholic psychoses	27	3	30	-	-	-	-	-	-	-	-	-	-	-	-
Traumatic psychoses	3	1	4	-	-	-	-	-	-	-	-	-	-	-	-
With cerebral arteriosclerosis	55	23	78	-	-	-	-	-	-	-	-	-	-	-	-
With convulsive disorders (epilepsy)	2	2	4	-	-	-	-	1	1	-	-	-	-	-	-
Senile psychoses	19	26	45	-	-	-	-	-	-	-	-	-	-	-	-
Involucional psychoses	4	18	22	-	-	-	-	-	-	-	-	-	-	-	-
Due to other metabolic diseases, etc.	1	8	9	-	-	-	-	-	-	-	-	-	-	-	-
Due to new growth	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
With organic changes of nervous system	2	1	3	-	-	-	-	-	-	-	-	-	-	-	-
Psychoneuroses	1	4	5	-	-	-	-	-	-	-	-	-	-	-	-
Manic-depressive psychoses	4	10	14	-	-	-	-	-	-	2	-	2	-	2	2
Dementia praecox	42	41	83	-	1	1	5	3	8	11	8	19	12	7	19
Paranoia and paranoid condition	2	5	7	-	-	-	-	-	-	-	-	-	-	-	-
With mental deficiency	8	8	16	-	-	-	-	1	1	-	-	-	2	1	3
Undiagnosed psychoses	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Without psychoses	4	-	4	-	-	-	2	-	2	-	-	-	-	-	-
Total	194	161	355	-	1	1	7	5	12	13	9	22	15	10	25

TABLE 7. *Age of First Admissions Classified with Reference to Principal Psychoses—Continued*

PSYCHOSES	30-34 years			35-39 years			40-44 years			45-49 years			50-54 years			55-59 years		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encephalitis	1	1	2	2	3	5	3	1	4	1	2	3	4	2	6	2	-	2
With other forms of syphilis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Alcoholic psychoses	4	1	5	3	-	3	4	-	4	5	-	5	3	1	4	4	-	4
Traumatic psychoses	-	-	-	-	-	-	1	-	1	-	1	1	-	-	-	-	-	-
With cerebral arteriosclerosis	-	-	-	-	-	-	1	-	1	-	1	1	3	-	3	4	5	9
With convulsive disorders (epilepsy)	-	-	-	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-
Senile psychoses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Involucional psychoses	-	-	-	-	-	-	-	-	-	1	4	5	-	8	8	2	6	8
Due to other metabolic diseases, etc.	-	-	-	1	1	2	-	-	-	-	1	1	-	2	2	-	-	-
Due to new growth	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
With organic changes of nervous system	1	-	1	-	-	-	-	-	-	-	1	1	-	-	-	1	-	1
Psychoneuroses	-	-	-	-	1	1	-	2	2	-	1	1	-	-	-	1	-	1
Manic-depressive psychoses	-	2	2	-	3	3	-	1	1	2	-	2	-	-	-	-	1	1
Dementia praecox	7	8	15	3	3	6	1	6	7	1	-	1	-	3	3	1	-	1
Paranoia and paranoid conditions	-	1	1	-	1	1	-	-	-	1	1	2	1	1	2	-	-	-
With mental deficiency	1	3	4	2	-	2	1	1	2	1	1	2	-	-	-	-	1	1
Undiagnosed psychoses	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-
Without psychoses	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	16	16	32	13	12	25	12	11	23	12	13	25	11	17	28	15	13	28

TABLE 7. *Age of First Admissions Classified with Reference to Principal Psychoses — Concluded*

PSYCHOSES	60-64 years			65-69 years			70-74 years			75-79 years			80-84 years			85 years and over		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encephalitis	1	1	2	-	-	-	2	-	2	-	-	-	-	-	-	-	-	-
With other forms of syphilis	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Alcoholic psychoses	2	1	3	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-
Traumatic psychoses	1	-	1	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-
With cerebral arteriosclerosis	7	6	13	15	4	19	11	3	14	7	3	10	6	-	6	1	1	2
With convulsive disorders (epilepsy)	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Senile psychoses	-	-	-	1	-	1	6	7	13	8	8	16	2	9	11	2	2	4
Evolutional psychoses	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Due to other metabolic diseases, etc.	-	1	1	-	1	1	-	2	2	-	-	-	-	-	-	-	-	-
Due to new growth	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
With organic changes of nervous system	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Psychoneuroses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manic-depressive psychoses	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-
Dementia praecox	1	2	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Paranoia and paranoid conditions	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
With mental deficiency	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Undiagnosed psychoses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Without psychoses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	15	12	27	19	6	25	20	13	33	15	11	26	8	9	17	3	3	6

TABLE 9. *Environment of First Admissions Classified with Reference to Principal Psychoses*

PSYCHOSES	Total			0-2,499			2,500-9,999			10,000-24,999			25,000-49,999			50,000-99,999			100,000-249,999			500,000+			Unknown		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encephalitis	17	11	28	1	1	2	4	1	5	2	2	1	1	1	1	1	1	1	9	8	17	—	—	—	—	—	—
With other forms of syphilis	1	3	4	—	—	—	—	—	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Alcoholic psychoses	27	3	30	1	1	2	5	—	5	1	1	5	—	—	—	4	1	5	11	2	13	—	—	—	—	—	
Traumatic psychoses	3	1	4	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—	3	—	3	—	—	—	—	—	
With cerebral arteriosclerosis	55	23	78	5	3	8	19	3	22	6	12	3	2	5	—	9	2	11	13	7	20	—	—	—	—	—	
With convulsive disorders (epilepsy)	2	2	4	—	—	—	—	—	—	1	1	—	—	—	—	—	—	—	1	2	3	—	—	—	—	—	
Senile psychoses	19	26	45	4	1	5	4	9	13	2	5	7	1	—	—	4	2	6	4	9	13	—	—	—	—	—	
Involuntary psychoses	4	18	22	1	—	1	1	4	5	—	1	1	1	1	—	2	2	2	1	11	12	—	—	—	—	—	
Due to new growth	1	8	9	1	1	2	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Due to other metabolic diseases, etc.	1	1	2	1	1	2	—	—	—	1	1	1	1	1	—	—	3	3	—	2	2	—	—	—	—	—	
With organic changes of nervous system	2	1	3	—	—	—	—	—	—	1	1	—	—	—	—	—	—	—	1	1	2	—	—	—	—	—	
Psychoneuroses	1	4	5	—	1	1	—	1	1	—	—	—	1	1	—	—	—	—	—	2	2	—	—	—	—	—	
Manic-depressive psychoses	4	10	14	1	1	2	1	1	2	—	—	—	2	2	—	2	1	3	1	5	6	—	—	—	—	—	
Dementia praecox	42	41	83	1	3	4	8	4	12	2	6	8	4	4	8	7	8	15	19	16	35	—	—	—	—	—	
Paranoia and paranoid conditions	2	5	7	—	1	1	1	2	3	1	1	1	1	1	—	1	1	1	1	1	1	—	—	—	—	—	
With mental deficiency	8	8	16	1	1	2	3	2	5	1	1	2	1	1	2	1	1	2	1	2	3	—	—	—	—	—	
Undiagnosed psychoses	1	1	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Without psychoses	4	—	4	—	—	—	2	—	2	1	—	1	—	—	—	—	—	—	1	—	1	—	—	—	—	—	
Total	194	161	355	15	12	27	49	27	76	19	20	39	17	11	28	27	22	49	66	68	134	1	—	1	—	1	1

TABLE 10. *Economic Condition of First Admissions Classified with Reference to Principal Psychoses*

PSYCHOSES	Total			Dependent			Marginal			Comfortable			Unknown		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encephalitis	17	11	28	7	7	14	9	4	13	1	—	1	—	—	—
With other forms of syphilis	1	—	1	1	—	1	—	—	—	—	—	—	—	—	—
Alcoholic psychoses	27	3	30	12	1	13	15	2	17	—	—	—	—	—	—
Traumatic psychoses	3	1	4	3	—	3	—	1	1	—	—	—	—	—	—
With cerebral arteriosclerosis	55	23	78	41	14	55	10	9	19	2	—	2	2	—	2
With convulsive disorders (epilepsy)	2	2	4	2	2	4	—	—	—	—	—	—	—	—	—
Senile psychoses	19	26	45	15	22	37	3	3	6	1	1	2	—	—	—
Involuntional psychoses	4	18	22	2	3	5	2	15	17	—	—	—	—	—	—
Due to other metabolic diseases, etc.	1	8	9	1	5	6	—	2	2	—	1	1	—	—	—
Due to new growth	1	—	1	—	—	—	1	—	1	—	—	—	—	—	—
With organic changes of nervous system	2	1	3	2	—	2	—	1	1	—	—	—	—	—	—
Psychoneuroses	1	4	5	—	2	2	1	2	3	—	—	—	—	—	—
Manic-depressive psychoses	4	10	14	1	4	5	3	5	8	—	1	1	—	—	—
Dementia praecox	42	41	83	22	19	41	20	19	39	—	3	3	—	—	—
Paranoia and paranoid conditions	2	5	7	2	5	7	—	—	—	—	—	—	—	—	—
With mental deficiency	8	8	16	6	6	12	2	2	4	—	—	—	—	—	—
Undiagnosed psychoses	1	—	1	1	—	1	—	—	—	—	—	—	—	—	—
Without psychoses	4	—	4	3	—	3	1	—	1	—	—	—	—	—	—
Total	194	161	355	121	90	211	67	65	132	4	6	10	2	—	2

TABLE 11. *Use of Alcohol by First Admissions Classified with Reference to Principal Psychoses*

PSYCHOSES	Total			Abstinent			Temperate			Intemperate			Unknown		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encephalitis	17	11	28	6	8	14	6	2	8	5	1	6	—	—	—
With other forms of syphilis	1	—	1	—	—	—	1	—	1	—	—	—	—	—	—
Alcoholic psychoses	27	3	30	4	—	4	23	1	24	—	2	2	—	—	—
Traumatic psychoses	3	1	4	2	1	3	1	—	1	—	—	—	—	—	—
With cerebral arteriosclerosis	55	23	78	13	20	33	30	2	32	12	1	13	—	—	—
With convulsive disorders (epilepsy)	2	2	4	2	2	4	—	—	—	—	—	—	—	—	—
Senile psychoses	19	26	45	12	22	34	5	3	8	2	1	3	—	—	—
Involuntional psychoses	4	18	22	—	16	16	2	2	4	2	—	2	—	—	—
Due to other metabolic diseases, etc.	1	8	9	—	7	7	1	1	2	—	—	—	—	—	—
Due to new growth	1	—	1	—	—	—	—	—	—	1	—	1	—	—	—
With organic changes of nervous system	2	1	3	1	—	1	1	—	1	—	1	1	—	—	—
Psychoneuroses	1	4	5	1	3	4	—	1	1	—	—	—	—	—	—
Manic-depressive psychoses	4	10	14	1	9	10	2	1	3	1	—	1	—	—	—
Dementia praecox	42	41	83	22	30	52	17	10	27	3	1	4	—	—	—
Paranoia and paranoid conditions	2	5	7	1	3	4	1	2	3	—	—	—	—	—	—
With mental deficiency	8	8	16	6	7	13	1	—	1	1	—	1	—	1	—
Undiagnosed psychoses	1	—	1	—	—	—	1	—	1	—	—	—	—	—	—
Without psychosis	4	—	4	2	—	2	1	—	1	1	—	1	—	—	—
Total	194	161	355	73	128	201	93	25	118	28	7	35	—	1	—

TABLE 12. Marital Condition of First Admissions Classified to Principal Psychoses

PSYCHOSES	Total			Single		Married		Widowed		Divorced		Separated	
	M. F.		T.	M. F.	T.	M. F.	T.	M. F.	T.	M. F.	T.	M. F.	T.
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	M.	F.
With syphilitic meningo-encephalitis	17	11	28	1	2	18	1	2	3	2	4	1	1
With other forms of syphilis	1	1	2	1	1	1	1	1	1	1	1	1	1
Alcoholic psychoses	27	3	30	6	6	20	4	4	4	2	2	2	2
Traumatic psychoses	3	1	4	2	2	1	1	1	1	1	1	1	1
With cerebral arteriosclerosis	55	23	78	13	5	18	23	8	16	10	26	3	3
With convulsive disorders (epilepsy)	2	2	4	2	2	4	2	2	2	2	2	2	2
Senile psychoses	19	26	45	4	5	9	6	5	11	8	16	1	1
Involutional psychoses	4	18	22	2	3	5	2	11	13	3	3	1	1
Due to other metabolic diseases, etc.	1	8	9	1	1	1	1	5	2	2	2	1	1
Due to new growth	1	1	2	1	1	1	1	1	1	1	1	1	1
With organic changes of nervous system	2	1	3	1	1	2	1	2	2	1	1	1	1
Psychoneuroses	1	4	5	1	1	3	1	3	4	1	1	1	1
Manic-depressive psychoses	4	10	14	2	2	4	2	6	8	1	1	1	1
Dementia praecox	42	41	83	34	14	48	5	25	30	3	3	1	1
Paranoia and paranoid conditions	2	5	7	3	3	3	2	1	3	1	1	1	1
With mental deficiency	8	8	16	6	5	11	2	2	4	1	1	1	1
Undiagnosed psychoses	1	1	2	1	1	1	1	1	1	1	1	1	1
Without psychoses	4	1	5	3	2	5	1	1	2	1	1	1	1
Total	194	161	355	76	42	118	77	76	153	33	34	67	67
				2	5	7	2	5	7	6	4	10	10

TABLE 13. *Mental Disorders of All Admissions, All Discharges, All Deaths, 1934, All Cases in Residence and All Cases Out on September 30, 1934, by Status of Admissions and Sex — Concluded*

MENTAL DISORDERS	ALL ADMISSIONS ¹			ALL DISCHARGES ¹			ALL DEATHS			RESIDENT POPULATION			PATIENTS OUT ON VISIT ETC.		
	First Admissions		Readmissions	First Admissions		Readmissions	First Admissions		Readmissions	First Admissions		Readmissions	First Admissions		Readmissions
	M. F. T.	M. F. T.	M. F. T.	M. F. T.	M. F. T.	M. F. T.	M. F. T.	M. F. T.	M. F. T.	M. F. T.	M. F. T.	M. F. T.	M. F. T.	M. F. T.	M. F. T.
Dementia praecox (schizophrenia):															
Simple type	6	4	10	4	2	6	—	—	—	12	7	19	3	1	4
Hebephrenic type	10	6	16	3	3	6	—	—	—	57	56	113	5	1	6
Catatonic type	18	19	37	7	11	18	3	1	4	55	68	123	7	14	21
Paranoid type	12	14	26	4	8	12	2	4	6	118	143	261	2	9	11
Other types	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Paranoid conditions	2	5	7	—	4	6	—	2	2	14	19	33	7	3	10
With psychopathic personality	—	—	—	—	—	—	—	—	—	3	—	3	—	—	—
With mental deficiency:															
Idiot	—	2	2	—	1	1	—	—	—	5	2	7	—	1	1
Imbecile	4	5	9	—	1	1	—	2	2	35	19	54	—	1	2
Moron	6	3	9	4	3	7	—	—	—	14	7	21	1	2	3
Unknown	—	—	—	1	—	1	—	1	1	1	4	5	1	—	1
Undiagnosed Psychoses:															
Without Psychoses:															
Alcoholism	3	—	3	4	—	4	—	—	—	2	—	2	1	—	1
Drug addiction	1	—	1	—	—	—	—	—	—	1	—	1	—	—	—
Psychopathic personality:															
With pathological sexuality	2	—	2	—	—	—	—	—	—	1	—	1	—	—	—
With pathological emotionality	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—
With asocial or amoral trends	2	—	2	2	—	2	—	—	—	—	—	—	—	—	—
Epilepsy	3	—	3	3	1	4	—	—	—	—	—	—	—	—	—
Mental deficiency:															
Moron	—	1	1	—	1	1	—	—	—	—	—	—	—	—	—
Other non-psychotic diseases or conditions	2	1	3	2	2	4	—	—	—	—	—	—	1	—	1
Primary Behavior Disorders:															
Primary behavior disorders in children:															
Habit disturbances	2	—	2	—	—	—	—	—	—	—	—	—	—	—	—
Conduct disturbance	—	—	—	3	—	3	—	—	—	—	—	—	—	—	—
Grand Total	260	178	438	124	75	199	125	72	197	587	571	1,158	55	77	132
	51	39	89	20	29	49	7	12	19	192	205	397	29	23	52

TABLE 14. *Discharges of Patients Classified with Reference to Principal Psychoses and Condition on Discharge*

PSYCHOSES	Total			Recovered			Improved			Unimproved		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
with syphilitic meningo-encephalitis	6	1	7	-	-	-	6	1	7	-	-	-
with epidemic encephalitis	-	1	1	-	-	-	-	1	1	-	-	-
with other infectious diseases	-	1	1	-	-	-	-	1	1	-	-	-
alcoholic psychoses	19	2	21	14	-	14	4	2	6	1	-	1
automatic psychoses	1	-	1	1	-	1	-	-	-	-	-	-
with convulsive disorders (epilepsy)	1	2	3	-	-	-	1	1	2	-	1	1
manic psychoses	1	-	1	-	-	-	-	-	-	1	-	1
evolutional psychoses	3	7	10	1	4	5	2	3	5	-	-	-
due to other metabolic diseases, etc.	-	2	2	-	1	1	-	-	-	-	1	1
psychoneuroses	3	2	5	1	-	1	2	2	4	-	-	-
manic-depressive psychoses	14	19	33	8	13	21	5	6	11	1	-	1
dementia praecox	20	30	50	4	2	6	14	26	40	2	2	4
paranoia and paranoid conditions	2	6	8	-	-	-	2	5	7	-	1	1
with psychopathic personality	1	1	2	1	-	1	-	1	1	-	-	-
with mental deficiency	6	4	10	5	2	7	1	1	2	-	1	1
Total	81	82	163	36	23	59	40	53	93	5	6	11

TABLE 15. *Hospital Residence during This Admission of Court First Admissions Discharge during 1934*

PSYCHOSES	Number			Average Net Hospital Residence in Years		
	M.	F.	T.	M.	F.	T.
with syphilitic meningo-encephalitis	4	1	5.	1.04	.79	.99
with epidemic encephalitis	-	1	1	-	.29	.29
with other infectious diseases	-	1	1	-	.29	.29
alcoholic psychoses	18	2	20	.56	.98	.60
automatic psychoses	1	-	1	.37	-	.37
with cerebral arteriosclerosis	4	4	8	.61	.14	.38
with convulsive disorders (epilepsy)	1	2	3	.12	1.22	.85
manic psychoses	1	-	1	.79	-	.79
evolutional psychoses	3	5	8	1.11	.92	.99
due to other metabolic diseases, etc.	-	2	2	-	.33	.33
psychoneuroses	3	2	5	.37	.50	.42
manic-depressive psychoses	10	15	25	.49	.76	.65
dementia praecox	15	22	37	1.11	1.02	1.06
paranoia and paranoid conditions	2	4	6	.67	1.20	1.02
with mental deficiency	4	3	7	.57	1.71	1.06
Total	66	64	130	.72	.88	.80

CAUSES OF DEATH	Involuntal psychoses			Due to other metabolic diseases, etc.			Due to new growth			With organic changes of nervous system			Manic-depressive psychoses			Dementia praecox			Paranoia and paranoid conditions			With psychopathic personality			With mental deficiency		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
<i>Infectious and Parasitic Diseases:</i>																											
Erysipelas	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—
Tuberculosis of the respiratory system	—	—	—	—	—	—	—	—	—	—	—	—	—	2	1	3	1	—	—	—	—	—	—	—	—	—	—
Purulent infection, septicaemia (non-puerperal)	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	
<i>Cancer and Other Tumors:</i>																											
Cancer and other malignant tumors	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1	—	—	—	—	—	—	—	—	—	—	—
<i>Diseases of the Blood and Blood-making Organs:</i>																											
Pernicious anemia	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Leukemias and pseudo-leukemias	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—
Diseases of the spleen	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—
<i>Diseases of the Nervous System and Organs of Special Sense:</i>																											
Cerebral hemorrhage	—	1	1	—	—	—	—	—	—	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cerebral embolism and thrombosis	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
General paralysis of the insane	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1	—	—	—	—	—	—	—	—	—	—	—
<i>Diseases of the Circulatory System:</i>																											
Pericarditis	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Chronic endocarditis (valvular diseases)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Diseases of the myocardium	—	2	2	—	—	1	1	—	—	1	—	1	—	3	3	—	—	—	—	—	—	—	—	—	—	—	—
Diseases of the coronary arteries and angina pectoris	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other diseases of the heart	—	2	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Arteriosclerosis	—	1	1	—	—	—	—	—	—	—	—	—	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—
<i>Diseases of the Respiratory System:</i>																											
Bronchopneumonia (including capillary bronchitis)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Lobar pneumonia	—	—	—	—	—	—	—	1	—	1	—	1	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—
<i>Diseases of the Digestive System:</i>																											
Hernia, intestinal obstruction	—	—	—	—	—	—	—	—	1	1	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—
Peritonitis	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1	—	—	—	—	—	—	—	—
<i>Diseases of the Genito-Urinary System:</i>																											
Nephritis (acute, chronic and unspecified)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
<i>Congenital Malformations:</i>																											
Violent and Accidental Deaths:																											
Accidental traumatism	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1	2	—	—	—	—	—	—	—
Other external causes	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
<i>Ill-Defined Causes of Death</i>																											
Total	1	6	7	—	1	1	2	2	1	3	2	10	12	5	6	11	—	2	2	1	—	1	—	—	—	4	4

TABLE 17. Age of Patients of Time of Death Classified with Reference to Principal Psychoses

PSYCHOSES	Total			15-19 years		20-24 years		25-29 years		30-34 years		35-39 years		40-44 years	
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encephalitis	19	9	28	-	-	-	-	1	-	1	2	1	-	2	1
With other forms of syphilis	2	-	2	-	-	-	-	-	-	-	-	-	-	-	3
Alcoholic psychoses	12	-	12	-	-	-	-	-	-	-	-	-	-	1	-
Traumatic psychoses	3	-	3	-	-	-	-	-	-	-	-	-	-	-	1
With cerebral arteriosclerosis	41	20	61	-	-	-	-	-	-	-	-	-	-	-	-
With other disturbances of circulation	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-
With convulsive disorders (epilepsy)	3	-	3	-	-	-	-	-	-	-	-	-	-	-	-
Senile psychoses	28	22	50	-	-	-	-	-	-	-	-	-	-	-	-
Involutional psychoses	1	6	7	-	-	-	-	-	-	-	-	-	-	-	-
Due to other metabolic diseases, etc.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Due to new growth	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-
With organic changes of nervous system	2	1	3	-	-	-	-	-	-	-	-	-	-	-	-
Manic-depressive psychoses	2	10	12	-	-	-	-	-	-	-	-	-	-	-	-
Dementia praecox	5	6	11	-	-	-	-	1	1	2	-	1	1	-	1
Paranoia and paranoid conditions	-	2	2	-	-	-	-	-	-	-	-	-	-	-	-
With psychopathic personality	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
With mental deficiency	-	4	4	-	-	-	-	-	-	-	-	-	-	-	-
Total	120	83	203	1	-	1	-	2	1	3	1	6	7	3	6

PSYCHOSES	55-59 years			60-64 years		65-69 years		70-74 years		75-79 years		80-84 years		85 years and over	
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encephalitis	3	1	4	4	1	5	1	1	2	-	-	-	-	-	-
With other forms of syphilis	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-
Alcoholic psychoses	-	-	-	4	-	4	1	-	1	-	-	-	-	-	-
Traumatic psychoses	-	-	-	1	-	1	1	-	1	-	2	-	-	-	-
With cerebral arteriosclerosis	3	-	3	3	2	5	1	-	1	-	6	3	9	2	4
With other disturbances of circulation	-	-	-	-	-	-	6	3	9	9	6	15	-	-	-
With convulsive disorders (epilepsy)	-	-	-	1	-	1	-	-	-	-	1	1	-	-	-
Senile psychoses	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
Involutional psychoses	1	-	1	-	-	-	1	2	3	8	8	16	9	6	15
Due to other metabolic diseases, etc.	-	-	-	-	-	-	1	1	1	-	-	-	-	-	-
Due to new growth	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-
With organic changes of nervous system	1	-	1	1	-	1	-	-	-	-	-	-	-	-	-
Manic-depressive psychoses	-	1	1	1	1	2	-	-	-	-	-	-	-	-	-
Dementia praecox	-	1	1	1	1	3	1	-	-	-	-	-	-	-	-
Paranoia and paranoid conditions	-	-	-	1	-	1	2	-	-	-	-	-	-	-	-
With psychopathic personality	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-
With mental deficiency	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-
Total	12	12	24	12	12	24	12	12	24	12	12	24	12	12	24

PSYCHOSES	Total			Less than 1 month		1-3 months		4-7 months		8-12 months		1-2 years		3-4 years	
	M		T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encephalitis	19	9	28	-	1	1	6	3	9	1	-	1	2	3	4
With other forms of syphilis	2	-	2	-	-	-	1	-	1	-	-	-	-	-	-
Alcoholic psychoses	12	-	12	-	-	-	1	-	1	-	-	-	-	3	3
Traumatic psychoses	3	-	3	1	-	1	-	-	-	1	-	-	-	-	-
With cerebral arteriosclerosis	41	20	61	2	4	6	20	5	25	3	2	5	8	3	6
With other disturbances of circulation	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-
With convulsive disorders (epilepsy)	3	-	3	-	-	-	-	-	-	-	-	-	-	2	2
Senile psychoses	28	22	50	1	3	4	10	10	20	3	1	4	6	2	6
Involuntal psychoses	1	6	7	-	-	-	1	1	1	-	-	-	-	-	-
Due to other metabolic diseases, etc.	1	1	2	-	-	-	1	1	1	-	-	-	-	-	-
Due to new growth	1	1	2	-	-	-	1	1	1	-	-	-	-	-	-
With organic changes of nervous system	2	1	3	-	-	-	1	-	1	1	-	-	-	1	1
Manic-depressive psychoses	2	10	12	-	-	-	1	-	1	-	-	5	-	1	1
Dementia praecox	5	6	11	-	-	-	1	-	1	-	-	-	-	-	-
Paranoia and paranoid conditions	2	2	4	-	-	-	-	-	-	-	-	-	-	-	-
With psychopathic personality	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
With mental deficiency	-	4	4	-	-	-	-	-	-	-	-	-	-	-	-
Total	120	83	203	4	8	12	42	20	62	9	5	14	16	10	26

PSYCHOSES	5-6 years			7-8 years		9-10 years		11-12 years		13-14 years		15-19 years		20 years and over	
	M. F.		T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encephalitis	2	1	3	-	-	-	-	-	-	-	-	-	1	-	-
With other forms of syphilis	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Alcoholic psychoses	1	-	1	1	-	1	-	-	-	-	-	1	1	3	3
Traumatic psychoses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
With cerebral arteriosclerosis	-	-	-	1	1	2	-	-	-	-	-	-	-	-	-
With other disturbances of circulation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
With convulsive disorders (epilepsy)	-	-	-	1	1	2	-	-	-	-	-	-	-	-	-
Senile psychoses	-	2	2	-	-	-	-	1	1	2	1	-	-	-	1
Involuntal psychoses	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Due to other metabolic diseases, etc.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Due to new growth	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
With organic changes of nervous system	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manic-depressive psychoses	-	-	-	-	-	-	1	1	2	-	1	1	-	-	-
Dementia praecox	-	3	3	-	-	-	-	1	1	-	-	-	-	3	3
Paranoia and paranoid conditions	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-
With psychopathic personality	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1
With mental deficiency	-	1	1	-	1	1	-	-	-	-	1	1	-	-	-
Total	5	8	13	3	3	6	2	3	5	1	3	4	2	2	4

TABLE 19. *Average of Length of Hospital Residence during the Present Admission
All First Admission Cases in Residence on September 30, 1934*

PSYCHOSES	Number			Average Net Hospital Residence in Years		
	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encephalitis	34	16	50	4.63	6.93	5.8
With other forms of syphilis	3	—	3	6.17	—	6.1
With epidemic encephalitis	1	1	2	4.50	7.50	6.0
Alcoholic psychoses	68	11	79	8.77	10.95	9.8
Traumatic psychoses	6	3	9	4.98	5.15	5.0
With cerebral arteriosclerosis	53	37	90	2.65	3.94	3.3
With other disturbances of circulation	2	1	3	12.00	7.50	10.0
With convulsive disorders (epilepsy)	11	13	24	6.76	3.88	5.3
Senile psychoses	31	54	85	3.45	4.56	4.0
Involuntional psychoses	15	49	64	4.29	5.18	4.7
Due to other metabolic diseases, etc.	2	14	16	3.98	2.41	2.8
With organic changes of nervous system	8	4	12	5.86	7.75	6.8
Psychoneuroses	5	6	11	5.89	4.83	5.3
Manic-depressive psychoses	29	37	66	9.25	7.14	8.2
Dementia praecox	242	274	516	12.28	10.57	11.4
Paranoia and paranoid conditions	14	19	33	4.49	6.60	5.5
With psychopathic personality	3	—	3	7.17	—	7.1
With mental deficiency	55	32	87	10.75	8.00	9.4
Undiagnosed psychoses	1	—	1	.45	—	.4
Without psychoses	4	—	4	.45	—	.4
Total	587	571	1,158	8.89	8.04	8.4

TABLE 19A. *Average Length of Hospital Residence during the Present Admission
All Readmission Cases in Residence on September 30, 1934*

PSYCHOSES	Number			Average Net Hospital Residence in Years		
	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encephalitis	11	—	11	6.77	—	6.7
With epidemic encephalitis	3	—	3	4.83	—	4.8
Alcoholic psychoses	26	3	29	8.38	8.48	8.4
Due to drugs, etc.	2	1	3	17.50	.45	11.0
Traumatic psychoses	2	—	2	3.00	—	3.0
With cerebral arteriosclerosis	6	7	13	9.90	3.19	6.5
With convulsive disorders (epilepsy)	4	2	6	3.24	12.50	6.0
Senile psychoses	—	4	4	—	4.24	4.2
Involuntional psychoses	5	9	14	2.08	5.71	4.0
Due to other metabolic diseases, etc.	—	1	1	—	.45	.4
With organic changes of nervous system	—	2	2	—	4.50	4.5
Psychoneuroses	—	5	5	—	7.29	7.2
Manic-depressive psychoses	19	28	47	6.65	5.78	6.2
Dementia praecox	97	128	225	11.11	11.14	11.1
Paranoia and paranoid conditions	7	3	10	3.64	22.50	9.0
With psychopathic personality	—	1	1	—	7.50	7.5
With mental deficiency	9	11	20	10.50	7.03	8.8
Without psychoses	1	—	1	.45	—	.4
Total	192	205	397	9.14	9.40	9.2

TABLE 20. *Family Care Statistics for Year Ended September 30, 1934*

	Males	Females	Total
Remaining in Family Care September 30, 1933	—	3	3
On Visit from Family Care September 30, 1933	—	—	—
Admitted to Family Care During the Year	—	—	—
Whole Number of Cases within the Year	—	3	3
Discharged from Family Care within the Year:	—	1	1
Returned to Institution	—	1	1
Remaining in Family Care September 30, 1934	—	2	2
On Visit from Family Care September 30, 1934	—	—	—
Average Daily Number in Family Care during Year:	—	2.5384	2.5
Self-supporting	—	2	2

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The Commonwealth of Massachusetts

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ANNUAL REPORT

OF THE

TRUSTEES

OF THE

Mass.: TAUNTON STATE HOSPITAL (Insane)

FOR THE

YEAR ENDING NOVEMBER 30,

1935

DEPARTMENT OF MENTAL DISEASES



PUBLICATION OF THIS DOCUMENT APPROVED BY THE COMMISSION ON ADMINISTRATION AND FINANCE

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TAUNTON STATE HOSPITAL

(Post Office Address: Taunton, Mass.)

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THOMAS J. ROBINSON, M.D. <i>Consulting Physician</i>	1926-1935
MARGARET KLINE, R.N. <i>Postgraduate Nurse</i>	1934-1935
JOHN SWARD <i>Hospital Usher</i>	1920-1935
FRANK G. SHERMAN <i>Special Attendant</i>	1925-1935

TRUSTEES' REPORT

To His Excellency, the Governor and the Honorable Council:

The Trustees of the Taunton State Hospital present herewith their eighty-second annual report, together with the Superintendent's report, financial report and statistical tables.

In the early part of this year, Mr. Harold Fitzgibbons of Whitman was appointed by Governor James M. Curley to succeed Mr. Arthur B. Reed of North Abington.

so had served faithfully for more than twenty years. At the annual meeting, Mr. Charles C. Cain of Attleboro was elected chairman, and Mrs. Elizabeth C. M. Afford of Cambridge was re-elected secretary. All the meetings during the year have been well attended, and at no time have we lacked a quorum. In addition, the different members of the Board have continued to maintain an active interest in all the departments of the hospital, and have always been ready to perform the duties of the committees to which they have been assigned.

The past year has been one of progress. The activities of the hospital have continued to increase, and we believe that the care and treatment received by our patients continues to improve. Each year seems to show a better understanding between the patients and employees, which contributes much to the comfort of both. The passing of the forty-eight hour law during the latter part of this year necessitated many changes in, as well as additions to our personnel, all of which were accomplished without difficulty, and will, we hope, lead to a gradual improvement in the service rendered.

Our farming activities become greater and greater each year as more land is cleared and made available for agricultural purposes. Much landscaping has been accomplished, and many parts of the grounds have been greatly improved in appearance.

During the past year Public Works Administration Project M-46 PWA Docket 440 has been completed. This project included the installation of automatic sprinklers in certain attics and clothing rooms in the main building, the attic of the brick cottage at the Borden Colony, the garage and the industrial building. Stand pipes with hose and cabinets on each floor were installed in the brick cottage at the Borden Colony and the nurses' homes at the main group. Automatic chemical fire extinguishers were installed in certain unheated outlying buildings at the farm and at the colonies. All of the attics and clothing rooms in the main building and all the buildings immediately adjacent to the main building are now protected by automatic sprinklers. While much work in the line of fire protection has been accomplished during the past few years, there still remains much that should be done, and we are recommending the installation of a modern fire alarm system, rewiring of buildings not properly wired, installation of more fireproof floors and complete renovation of the Brown and Howland Infirmaries, making them as near fireproof as possible.

Public Works Administration Project M-47 PWA Docket 4477 was approved early this year, and work began in March. When completed, this project will furnish us with space for the medical and surgical activities of the hospital, as well as for the majority of our sick and infirm patients. We are anxiously awaiting the time when these buildings will be completed, as the thought of having so many bedridden patients in buildings that are not fireproof has not been a pleasant one.

Our plan for the future development of the institution has been divided into the following subdivisions:

- Completion of the Hospital Group

- Establishment of a New Entrance on Bay Street

- Relocation of Certain Farming Activities

- Necessary Renovations and Readjustments in the Existing Buildings.

Each of these headings include several projects, and as the plan is too large to receive immediate consideration, we have selected certain projects which we believe merit prompt attention. These projects are listed and described in detail in the Superintendent's report under the heading of Special Appropriations. They have been selected after careful study and we urgently request that they be given serious consideration in the immediate future, as many of them are absolute necessities, and all are highly important to the welfare of the institution and its patients. In addition to the projects mentioned above, there is great need for a building suited to the treatment of the newly admitted recoverable case. At the present time these cases, by necessity, are placed on wards unsuited to this purpose, and it is highly probable that their recovery is somewhat retarded. A hydrotherapy department would be included in this project.

The repairs mentioned in our last year's report at the Borden Colony have been completed during the year, and now most of the buildings at that Colony are in

good condition. The maple floors in the dining room and day rooms at the Loverin Colony have been relaid and refinished, and now present a very pleasing appearance. This work will be continued until the floors have all be put into good condition.

The hospital has been visited on several occasions by Winfred Overholser, M.D. Commissioner, and Joseph E. Barrett, M.D., Assistant Commissioner, and on July 9, 1935, by the following members of the Public Works Committee: Mr. Henry Lefavour, Mr. George L. Parker, Mr. R. L. Whipple and Mr. C. W. Reynolds. On October 1, 1935, the Public Welfare Committee made a tour of inspection. Representatives of the Department of Mental Diseases have visited the hospital at frequent intervals.

In closing, we wish to express our gratitude for the cooperation we have received during the year from the Department of Mental Diseases, the other State Departments, the Superintendent, the employees and all others with whom we have been associated.

CHARLES C. CAIN, JR. <i>Chairman</i>	ELIZABETH C. M. GIFFORD, <i>Secretary</i>
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ASA A. MILLS	MARY B. BESSE

HAROLD FITZGIBBONS

Trustees.

SUPERINTENDENT'S REPORT

To the Trustees of the Taunton State Hospital:

The eighty-second annual report of the Superintendent of the Taunton State Hospital, for the fiscal year ending November 30, 1935, is respectfully submitted for your consideration.

The statistical tables relative to patients, cover the period beginning October 1, 1934, and ending September 30, 1935.

MOVEMENT OF POPULATION

On September 30, 1934, the census of the hospital was as follows: In the hospital 779 men and 776 women, making a total of 1,555. On parole or otherwise absent 84 men and 100 women, a total of 184, making a grand total of 1,739, including 863 men and 876 women, on the books of the hospital. During the year ended September 30, 1935, 576 patients were received. Of this number, 242 men and 202 women, a total of 444, were classed as first admissions, 67 men and 54 women, a total of 121, came as readmissions, and 6 men and 5 women, a total of 11, were transferred from other hospitals.

Patients, 483 in number, including 271 men and 212 women, were discharged during the same period. Of this number, 139 men and 109 women, a total of 248 were returned to the community, 22 men and 21 women, a total of 43, were transferred to other hospitals, and 110 men and 82 women, a total of 192, died.

The census on September 30, 1935, was as follows: In the hospital, 821 men and 820 women, making a total of 1,641. On parole or otherwise absent, 86 men and 105 women, a total of 191, making a grand total of 1,832, including 907 men and 925 women, on the books of the hospital. The total number of cases under treatment during the year was 2,315 (1,178 men and 1,137 women.)

Of the 444 first admissions, only 353 were regularly committed to the hospital there being 4 voluntary and 87 temporary care. Of the 121 readmissions, only 90 were actually committed to the hospital, there being 4 voluntary and 27 temporary care.

FIRST ADMISSIONS

Nativity — Of the 353 committed first admissions, 115 men and 102 women, a total of 217, were born in the United States, and 67 men and 69 women, a total of 136, were born in other countries, the percentage of native born being 62%, and of foreign born, 38%.

Citizenship — Of the 353 committed first admissions, 217 or 62% were citizens by birth, 53 or 15% were citizens by naturalization, 59 or 17% were aliens, and 24 or 6% were unascertained.

Mental Diagnosis — The different forms of mental disease shown by the 353 committed first admissions were as follows: psychosis with syphilitic meningo-

encephalitis (general paralysis), 29 or 8.22%; psychosis with other forms of syphilis, 2 or .57%; psychosis with epidemic encephalitis, 2 or .57%; psychosis with other infectious diseases, 3 or .85%; alcoholic psychosis, 26 or 7.36%; traumatic psychosis, 1 or .26%; psychosis with cerebral arteriosclerosis, 62 or 17.56%; psychosis with other disturbances of circulation, 4 or 1.14%; psychosis with convulsive disorders (epilepsy), 8 or 2.26%; senile psychosis, 32 or 9.07%; involutional psychosis, 35 or 9.92%; psychosis due to other metabolic diseases, etc., 3 or .85%; psychosis due to new growth, 1 or .26%; psychosis with organic changes of the nervous system, 3 or .85%; psychoneurosis, 6 or 1.71%; manic depressive psychosis, 30 or 8.51%; dementia praecox, 76 or 21.54%; paranoia and paranoid conditions, 7 or 1.99%; psychosis with psychopathic personality, 2 or .57%; psychosis with mental deficiency, 20 or 5.68%; without psychosis, 1 or .26%.

For further information concerning psychoses of first admissions see statistical tables.

Age — Of the 353 committed first admissions, 104 or 29.46% were over 60 years of age; 124 or 35.15% were between 40 and 60, the involution period; 105 or 29.73% were between 20 and 40; and 20 or 5.66% were under 20.

Education — Of the 353 committed first admissions, 19 or 5.38% were illiterate; or .26% could read only; 7 or 1.99% could read and write; 251 or 71.11% had common school education; 58 or 16.44% had a high school education; 5 or 1.42% had a college education; and 12 or 3.40% were unascertained.

Environment — Of the 353 committed first admissions, 323 or 91.50% were classed as urban, and 30 or 8.50% were classed as rural.

READMISSIONS

Of the 121 readmissions, the diagnoses were as follows: Psychosis with Meningo-encephalitis (General Paralysis), 3 or 2.48%; Alcoholic Psychosis, 14 or 11.57%; psychosis with Cerebral Arteriosclerosis, 3 or 2.48%; Psychosis with Other Disturbances of the Circulation, 1 or .82%; Psychosis with Convulsive Disorders (Epilepsy), 4 or 3.31%; Psychosis due to Other Metabolic Diseases, 1, or .82%; involutional Psychosis, 2 or 1.66%; Psychosis with Other Somatic Diseases, 1 or .2%; Psychosis due to New Growth, 1 or .82%; Psychosis with Multiple Sclerosis, or .82%; Psychoneurosis, 4 or 3.31%; Manic-Depressive Psychosis, 27 or 22.32%; Dementia Praecox, 48 or 39.67%; Without Psychosis, 11 or 9.10%.

DISCHARGES

One hundred and forty-two (142) of the 248 patients discharged were actually committed to the hospital. The remaining 106 were under voluntary and temporary care. The discharge rate figured on the number of patients admitted during the year was 43.06%.

DEATHS

The death rate for the year figured on the total number under treatment was .29%.

One hundred and sixty-nine (169) of the 192 patients dying during the year were committed to the hospital. The remaining 23 were under temporary care. The causes of death were as follows: Erysipelas, 2 or 1.18%; Tuberculosis of the Respiratory System, 5 or 2.96%; Syphilis (non-nervous forms), 1 or .59%; Cancer and Other Tumors, 6 or 3.58%; Diabetes, 3 or 1.78%; Alcoholism, 2 or 1.18%; Cerebral Hemorrhage, 5 or 2.96%; Cerebral Embolism and Thrombosis, 1 or .59%; General Paralysis of the Insane, 15 or 8.87%; Epilepsy, 2 or 1.18%; Diseases of the Myocardium, 79 or 46.75%; Other Diseases of the Heart, 1 or .59%; Arteriosclerosis, 9 or 5.32%; Bronchopneumonia, 18 or 10.65%; Lobar Pneumonia, 5 or 2.96%; Hernia, Intestinal Obstruction, 1 or .59%; Cirrhosis of the Liver, 1 or .59%; Peritonitis, 1 or .59%; Nephritis, 5 or 2.96%; Other Diseases of the Ureters, 1 or .59%; Calculi of the Urinary Passages, 1 or .59%; Congenital Malformations, 1 or .59%; Senility, 1 or .59%; Accidental Traumatism, 2 or 1.18%; All Defined Causes of Death, 1 or .59%.

Of those who died, 119 or 70.41% were over 60; 38 or 22.49% were between 40 and 60; 12 or 7.10% were between 20 and 40.

Our records show that at the close of the year, there were 53 ex-service men in the hospital.

MEDICAL SERVICE

Clinical Director — ROGER G. OSTERHELD, M.D.

Dr. Thomas J. Robinson who had served the hospital long and faithfully as member of the visiting staff, passed away on May 5, 1935. He was a valuable member of our staff, and will be greatly missed, not only by his associates, but by everyone in the hospital.

Dr. Charles A. Atwood, Dr. Arthur R. Crandall, Dr. Joseph L. Murphy and Dr. Charles J. C. Gillon, have continued to serve in their respective specialties, they have in years past.

Dr. H. Sinclair Tait who has occupied the position of senior physician for a number of years, resigned in June 1935, to accept the position of Assistant Superintendent at the Monson State Hospital. Dr. Harold J. Tosney completed his residency on December 14, 1934, and entered private practice in Chicago. Dr. Samuel S. Cargen resigned on May 21, 1935 because of ill health. The vacancy caused by the resignation of Dr. H. Sinclair Tait was filled by the promotion of Dr. Abraham M. Stiffie who has served a residency of two years, and also held the position of assistant physician for two years. Dr. P. Clement Talkington, graduate of Baylor University School of Medicine in 1934, began a two year residency on June 16, 1935. Dr. Stanley R. Dean, a graduate of the University of Michigan Medical School in 1934, began a two years residency on July 5, 1935. Dr. George H. Ledger, a graduate of Temple University School of Medicine in 1934, began a two years residency on July 16, 1935.

Dr. M. Gene Black was appointed to our visiting staff on May 20, 1935. She is interested in the treatment of Tuberculosis, and has had much experience along that line. At the present time a complete survey is being made, all worthwhile diagnostic procedures being carried out. When this survey is complete, a routine examination will be continued in the case of new admissions. Pneumothorax and other recognized surgical procedures have now been added to our armamentarium for combating this disease.

A foot clinic under the supervision of Dr. Max L. Yaffee was established in June, 1935. This is something that we have advocated for a number of years but it has never been possible from the financial standpoint before. The work accomplished by this clinic since it was established indicates that it will be a very valuable adjunct to our medical department.

Students from Tufts College and Boston University Medical Schools have continued to spend a month at the hospital during their senior year. Every effort possible is made to familiarize them with Psychiatry as practiced in a mental hospital. Three services are maintained, namely, male ward service, female ward service and laboratory, and the students divide their time among these three services. During the summer a limited number of students have the opportunity of taking a three months course. There has been a great demand for this, and usually we have a large number of applications. Residencies for one or two years are available to a limited number of graduates who have served internships in recognized general hospitals.

The health of the patients has been unusually good during the year, and no disease has presented epidemic proportions. The problem of the typhoid carrier mentioned in our last report has been completely solved, two carriers having been found. In each case the gall bladder was removed, and no positive cultures have been obtained since. We are indebted to Dr. Richard P. McKnight, District Health Officer, for much valuable advice and cooperative effort in regard to this matter as well as several others having to do with communicable diseases.

The treatment of syphilis in both hospital and out-patient services continues to be one of our major problems. The number of cases has increased materially in the out-patient department, probably due to the present economic situation. Patients suffering from General Paralysis continue to respond in an encouraging fashion to fever therapy followed by tryparsamid. Malaria continues to be the method of choice in producing the fever.

Every effort has been made to discover cancerous lesions early, all cases being referred to the Pondville Hospital at Wrentham, immediately upon discovery. This service has now been at our disposal for a number of years, and there is no question but that the treatment of this disorder has been improved materially.

We have continued to spray the noses and throats of most of our patients with a mild antiseptic lotion during the winter months. This procedure seems to have reduced the number of upper respiratory infections and is very much appreciated by those receiving the spray.

The members of the staff have continued to submit all applicants for employment to complete and careful physical examinations. This work was increased considerably during the last few months of this year, due to the large number of employees taken on as a result of the reduction in hours of labor.

Much instruction has been given to the nurses as well as the medical students by the physicians.

The following work was accomplished in the operating room and dressing rooms during the year:

Operations:

Tonsillectomy	1	Hemorrhoidectomy	4
Amputation, breast	1	Herniotomy	1
Amputation, leg	2	Hysterectomy	1
Amputation, second toe	1	Intestinal Obstruction	1
Amputation, second toe and partial		Nephrectomy	1
metatarsal	1	Open reduction of ulna	1
Appendectomy	4	Orchectomy	1
Cholecystectomy	2	Rib resection	1
Cesarean Section	1	Tonsillectomy	2
Exploratory Laparotomy	2	Tumor excised from shoulder	1

Minor Surgery:

Aspiration, chest	1	Fracture, phalanx, distal, third	
Aspiration, pericardial	1	finger left hand ¹	1
Bioscopy of perianal neoplasm	1	Fracture, pelvis ¹	1
Dislocation, left shoulder ¹	1	Fracture, Potts, right ¹	1
Dislocation, right shoulder ¹	1	Fracture, ulna, right ¹	1
Extraction, dental with anesthesia	16	Ganglia on hand removed	1
Foreign body removed from hand	1	Laceration sutured	50
Fracture, Collis, left ¹	2	Paratid abscess incised, with	
Fracture, Collis, right ¹	1	anesthesia	1
Fracture, humerus, surgical neck ¹	2	Peritonsillar abscess incised	1
Fracture, metacarpus, first, right		Punctures, spinal	88
hand ¹	2	Punctures, venal	929
Fractures, metacarpus, fifth, left		Surgical dressings	13,562
hand ¹	1	Severed tendon repaired	1
Fracture, phalanx, distal, second		Wen extirpated	1
finger right hand ¹	1		

Antisyphilitic Treatments:

Neosphenamine	163	Mercury	1,020
Neosarsphenamine	982	Potassium Iodide	392
Neomuth-Sodio-Tartrate	1,486	Sodium Thiosulphate	4
Neobismitol	435	Tryparsamid	3
Neosalvarsol series	14		

Eye, ear, nose and throat treatments:

Conjunctivitis	2,867	Impacted cerumen	141
Conjunctivitis	2,993	Otitis media	303
Foreign body removed from ear	1	Nasopharyngitis	97,978
Otorrhea	35	Pharyngitis	1,062

Examinations:

Stethoscopic	1	Gynecological with anesthesia	5
Gynecological	923		

Foot Clinic:

Chances treated	258	Exfoliosis	1
Unions	141	Hypertrophied nails	41
Illnesses	586	Ingrowing nails	73
Examinations	1,078	Ingrowing nails excised	5
		Massage	173

Orthopedic reduction and immobilization

Examinations. 224

Serums and Vaccines:

Acne 12

Antigenous 102

Coryza 20

Erysipelas 37

Tests:

Mantoux 125

Miscellaneous:

Amneotin 26

Hypodermoclysis 47

Intravenous Injections:

Iron and arsenic 34

Normal saline 26

Sodium Morrhuate 4

Homologous 50

Smallpox. 70

Thyphoid 1,28

Von Pirquet 1,28

Myochrisine 1

Obstetrical cases 19

Parenteral injections 2

Pneumothorax treatments 2

Protiofac injections 2

DENTAL DEPARTMENT

Director — DR. WILFRED R. WILSON

There has been no change in the personnel of this department during the past year, and as a result, the amount of work accomplished has been increased over that of the previous year, when the position of dentist was vacant for several months. Much has been done in the treatment of Pyorrhea by the oxygen insufflation method, and this disease has practically been eradicated. Each year it has been possible to devote more time to the treatment of diseased teeth, and as consequence, fewer extractions have been necessary. Our population is constantly increasing, and it is believed that we have reached a point where the services of another dentist are required. Our consulting dentist, Dr. Byron H. Strout, has continued to contribute his services with the exception of the last few months during which he has been ill.

An outline of the work accomplished follows:

Growth removed, 1; preparation to repair crown, 1

Bridgework: Removed, 4; facing recemented, 1; reset, 2.

Crowns: Davis crown set, 3; gold crowns removed, 2.

Cleaned and scaled, 1,140; examined and charted, 896; extractions, 1,164; extractions (impactions), 12.

Fillings: Amalgam, 939; cement, 7; kryptex, 127; root canal, 8; synthetic, 477; synthetic crowns, 2; zinc oxide and eugenol, 524.

Plates: Impression, bite and shade, 130; teeth tried in, 49; made, 59; adjusted, 162; repaired, 30; cleaned, 317; marked, 284.

Treatments (for Pyorrhea): gums treated — oxygen, 21; pockets packed (necrotic gingivitis), 2,335; oxygen insufflation (necrotic gingivitis), 276.

Treatments (miscellaneous): abscess lanced, 1; formo-creosol, 32; gums treated with iodine, 35; post operative, 47; root canal, 1; silver nitrate, 13; zinc chloride, 18.

X-rays taken 2

Patients with work completed 1,525

Number of visits 3,995

Number of operations 9,112

Average operation per patient 2.28

Number of patients treated first time 1,169

Number of new patients needing dental attention 308

Number of extractions on new patients 632

Number of fillings on new patients 700

Number of patients with work completed 1,401

Number of patients with work to be done 167

Percentage of patients with work completed 89.3

Percentage of patients with work to be done 10.6

Average number of operations per day 29.7

Number of days office was open 306

Average number of patients treated daily 13

X-RAY DEPARTMENT
Director — ABRAHAM M. STIFFLE, M.D.

Dr. H. Sinclair Tait who directed this department very successfully for a number of years, resigned on June 14, 1935, to accept the position of assistant superintendent at the Monson State Hospital. Following his resignation, the duties of the position were assumed by Dr. Abraham M. Stiffle who has continued to perform the necessary clinical work of the institution, despite the extreme simplicity of the equipment. We are looking forward to the opening of our new X-ray Department in the new group some time this coming year.

A summary of the work accomplished during the year follows:

Skull	17	Ribs	3
Law	1	Chest	132
Antrum	1	Hip	3
Cervical Vertebrae	3	Pelvis	3
Thoracic Vertebrae	3	Leg	2
Lumbar Vertebrae	3	Knee	11
Sacrum	1	Ankle	4
Shoulder	9	Foot	6
Elbow	13	G. I. Tract	3
Forearm	1	Gall bladder	2
Wrist	15	Colon	4
Hand	15	Kidney	1
Fingers	6		
Total			262

PHYSIOTHERAPY DEPARTMENT
Director — OLGA E. STEINECKE, M.D.

The personnel of this department has remained the same throughout the year. The physicians have continued to make extensive use of these facilities, and there is no question but that much benefit has been derived from the many treatments which have been given. The technician, Miss Helen Dadmun, gave sixteen hours of instruction in massage and physiotherapy to the members of the senior class in nursing.

During the year, 193 patients were treated in this department. Of this number, 102 were men and 91 were women. There were also 41 employees treated.

Some of the various conditions treated were: acne, psoriasis, dermatitis, carbuncles, infections, bronchitis, pulmonary tuberculosis, arthritis, lumbago, neuritis, neuralgia, contractures, sprains, laryngitis, fractures, bursitis and hypertension.

Below is a summary of the treatment given during the year:

	MEN		WOMEN	
	Treat-ments	Hours	Treat-ments	Hours
Ultra Violet Ray	774	281	1,281	160 1/2
Infra red massage	1,625	624 1/3	1,490	814 3/4
Auto condensation	66	39 1/2	-	-
Diathermy massage	-	-	151	106
Dessication	14	2	-	-
Total	2,479	946 2/3	2,922	1,081 1/4
Total of all treatments				5,401
Total of all hours				2,028

HYDROTHERAPY DEPARTMENT
Director, — ROBERT M. BELL, M.D.
 ABRAHAM M. STIFFLE, M.D.

The activities of this department have been carried on by our hydrotherapist Mrs. Teresa Haskell and Mr. Leon Jackson, under the supervision of the director. They have continued to administer the tonic bath treatments, and to supervise the work of the different sedation suites. All of our facilities have been used to the fullest extent, the packs and continuous baths being operated the entire twenty-four hours. The demand for this type of treatment continues to increase, and at the present time, far exceeds facilities available. We are looking forward to the time when we will have a new building for the treatment of acute recoverable cases, thoroughly equipped from the hydrotherapeutic standpoint.

Dr. Rebekah B. Wright, hydrotherapeutist for the Department of Mental Diseases, has continued to act in a supervisory capacity. She succeeded in finding time to spend a month with us during the early part of the year, and during this period took complete charge of the department.

A summary of the work accomplished follows:

	MEN	WOMEN	TOTAL
Number of Patients	238	274	512
<i>Tonic Baths</i>			
Salt glows	1,198	863	2,061
Hot and cold to spine	68	701	769
Foot baths	6	71	77
Sitz baths	130	1	131
Electric light baths	191	32	223
Swedish shampoos	1,033	846	1,879
Needle sprays	2,626	2,514	5,140
Fan douches	2,410	2,156	4,566
<i>Continuous Baths:</i>			
Number of baths	7,098	6,035	13,133
Number of hours	45,182.50	57,194.07	102,376.57
<i>Wet Sheet Packs:</i>			
Number of packs	10,436	18,230	28,666
Number of hours	31,812.05	49,117.11	80,929.16
<i>Colonic Irrigations:</i>			
Number of irrigations	372	305	677
<i>Instructions:</i>			
Number of pupils	24	44	68
<i>Continuous Bath Lessons:</i>			
Number of lessons	34	65	99
Number of hours	39	139	178
<i>Pack Lessons:</i>			
Number of lessons	45	57	102
Number of hours	60	86.45	146.45

LABORATORY
Director — DONALD G. HENDERSON, M.D.

This department has continued to function in close cooperation with the clinical services. A noteworthy increase can be noted in certain phases of the work performed by the members of the staff. A slight decrease may also be found in a few instances. On the whole, however, the laboratory is steadily increasing its capacity to perform its various duties, and is doing its best to expand. This will be greatly aided by the new quarters which the department will occupy in the near future.

During the summer, Miss Wilma M. Kimber, technician, resigned due to illness, and her position has been efficiently filled by Miss Mariesta Thompson. Miss Faith Findlay has been added to the staff, and is being trained in all the laboratory technique at the present time.

The medical students continue to spend part of their time in the laboratory and have derived considerable pathological experience from the material presented them and by acting as assistants at all necropsies.

Close cooperation has been maintained with the tuberculosis services, especially sputum analysis and differential blood work.

No radical change has been introduced in any of the usual procedures, but at various times during the year an attempt has been made to introduce newer technique in performing routine tests. From the results, some have been retained, others discarded as being unsuitable for either our equipment or time. In this way, we have been able to build up a routine which functions with the minimum of waste. Continued excellent results have been obtained in the restoration of the autopsied bodies which has accounted for the high incidence of this important laboratory duty.

The following is a summary of the activities of this department:

Scheim-Zondek test, 2; blood Widal agglutinations, 1.

Counts: — spinal fluid cells, 95; complete blood, 1,058; differential white cell, 8; platelet, 3; red blood, 114; reticulocyte, 24; Schilling differential, 134; white blood, 60.

Cultures: blood, 6; for B. Diphtheriae, 26; for hemolytic streptococci, 60; for other organisms, 119; stool for B. Typhosus, 652.

Determinations: Basal metabolism, 20; bleeding and coagulation time, 9; blood creatinine, 1; blood sugar, 219; blood urea nitrogen, 151; blood calcium, 5; urine diacetic acid and acetone, 249; hemoglobin, 114; spinal fluid colloidal gold, 15; spinal fluid gum mastic, 115; spinal fluid globulin and albumen, 115; kidney function, 3; sugar tolerance, 4.

Examinations: diagnostic tissue, 27; gastric contents, 5; postmortem (complete), 100; tissue (microscope, 2,238; icteric indices, 13; milk analysis (individual quantitative bacteriological counts), 154; red blood cell volume index, 5.

Patients' pictures, 654.

Photographs of pathological specimens, 80.

Smears: For B. Diphtheriae, 10; for B. Tuberculosis, 246; for gonococcus, 30; for malarial parasites, 269; for streptococci, 6.

Sputum Examinations: For pneumonia typing, 11.

Stool Examinations: For occult blood, 47; for worms and ova, 37.

Urinalysis: Complete, 3,318; microscopic only, 13.

Van den Bergh Reactions, 4.

SOCIAL SERVICE DEPARTMENT

Director — EMMA SHAW LOWE

The personnel of this department has remained the same throughout the year, except for the volunteer workers. At present we have one from Wellesley and one from Pembroke College.

The supervision of the patients on trial visit, the history taking and investigation, and the work done in connection with the psychiatrist in school and community clinics comprise the principal work of the department. As shown in the following table about 590 histories of new admissions have been taken during the year. As far as possible, the information has been obtained in the hospital from the visiting relatives, but in at least three quarters of the cases, it has been necessary to supplement with further investigation, the history already taken, and in many instances, the complete story has to be secured outside because the relatives are not in a position to visit the hospital, or are not adequately informed. Ideally, of course, all information should be secured in the patient's setting, but as this takes time and money, outside work is done only when really necessary for a better understanding of the patient's condition.

The Department keeps in touch with all the patients on visit by calls, as well as through the clinics, and supervises intensively as many of these patients as possible.

A summary of the work accomplished in this department follows:

SOCIAL SERVICE YEARLY STATISTICS

DECEMBER 1, 1934 — NOVEMBER 30, 1935

I. NUMERICAL SUMMARY OF CASES:

	HOSPITAL CASES				COMMUNITY CASES				TOTAL		
	House Patients		Out Patients		Clinic Cases		Others		M.	F.	T.
	M.	F.	M.	F.	M.	F.	M.	F.			
1. New cases	341	297	129	153	72	54	495 ¹	197 ²	1,037	701	1,738
2. Renewed cases from previous years	—	—	—	—	—	—	—	—	—	—	—
3. Renewed cases within the year	—	—	—	—	—	—	—	—	—	—	—
4. Continued cases from previous year	178	167	86	106	90	109	—	—	354	382	736
5. Cases closed during year	315	292	107	139	60	51	495	197	977	679	1,656
6. Cases continued to following year	204	172	108	120	102	112	—	—	414	404	818

¹This number includes 93 juveniles, 351 school clinic, and 51 court cases.²This number includes 24 juveniles, 169 school clinic, and 4 court cases.

II. SOURCES OF NEW CASES:

Number cases referred by physicians, 920; by community agencies, 736.

III. ANALYSIS OF WORK:

1. Purposes for which cases were referred: (a) Histories of patients — taken at hospital, 346; taken outside hospital, 250; (b) Investigation — conduct disorders, 102; employment situations, 33; home conditions, 89; statements of patients, 179; statements of others, 162; (c) supervision — in home, 531; in industry, 11; in community, 49; (d) Care of patient's families, 49; (e) Personal services, 376.
2. Problems: (a) Disease — mental, 558; physical, 97; (b) Sex problems — wayward tendencies, 2; (c) Environment — financial difficulties, 121; employment difficulties, 71; unsuitable surroundings, 33; friction — family, 59; others, 25; marital difficulties, 51; (d) Personality problems — anti-social habits, 103; vacillating interests, 37; (e) Educational problems — readjustment habits of mind, 101; recreation, church, social relationships, 85.

IV. SERVICE RENDERED:

1. Medical: (a) Contribution of information re: medical history, 720; home conditions, 673; condition of out-patients, 594.
2. Social: (a) Advice — to relatives, 384; to patients, 371; to others, 75; (b) Connecting with agencies, 570; with individuals, 2,139; (c) Personal services, 398; (d) Number of psychological tests to hospital patients, 96; number of psychological tests to juvenile delinquents, 117; number of psychological tests to prisoners, 55; number of histories of prisoners, 22.

V. SUPERVISION WORK:

1. No. patients on visit last day previous month, 192; no. patients discharged from visit during month, 120; visits to patients on ward, 405; visits to patients "on visit", 478; visits to relatives or friends, 433; visits to social agencies, 215; visits to "others", 122.
2. Family care patients: No. patients visited, 15; no. patients placed, 4; no. patients replaced, 1; no. patients returned, 1; no. patients discharged (transferred to trial visit), 1; no. boarding homes investigated, 7.

VI. CLINIC WORK:

1. Hospital clinics: No. interviews with patients, 681; with relatives, 409.
2. School clinics: No. attended, 60; no. histories, 45; no. psychological tests, 520; miscellaneous work — 25 contacts with superintendents and 57 school tests.
3. Community clinics: No. attended, 148; no. interviews with patients, 325; no. interviews with others, 381.

VII. MISCELLANEOUS:

1. Amount of expense account: School or community clinic work, \$132.60; hospital work, \$331.64.

2. Account of time: No. days in hospital, 679½; no. days outside hospital, 74; days spent in school clinic work, 89; in community clinic work, 141.
- SPECIAL FEATURES:
1. Lectures: Nurses Training School — 24.
2. Conferences attended: Daily hospital conferences; six Saturday morning conferences at State House; Annual Conference of Mass. Social Workers 3 days.

OUT-PATIENT DEPARTMENT

Director — OLGA E. STEINECKE, M.D.

The various extra-mural activities of the hospital have continued to increase, the work being carried on by the Director with the assistance of the social service department and the different medical students who have been assigned to the hospital during the year.

For some time it has been our custom to acquaint the medical students with our clinics, so that they may, insofar as possible, obtain a working knowledge of what the modern mental hospital is actually doing in the various communities which it serves. Since this scheme has been in vogue, it is interesting to note that those who are now in general practice have already referred some of their problems to the clinics for confirmation and advice.

Mental hygiene clinics are held weekly in Fall River at the City Hall Annex, Wednesday mornings, New Bedford in the Olympia Building, Wednesday afternoons, Taunton at the Taunton State Hospital, Thursday mornings, and in Attleboro in the Sturdy Memorial Hospital, once a month on the last Monday afternoon of the month. At each of these clinics, many of the hospital patients on trial visit report monthly or as often as requested. Most of them, by reason of economic stress, are virtually unable to report at the hospital, and gladly take this means of personal contact. Relatives of patients in the hospital are also encouraged to call in person or by telephone during clinic hours to inquire after those about whom they are concerned. This year we examined 190 new patients, children and adults. This is a sizable increase over previous years, and if the communities continue to increase their demand, we shall have to consider giving more time to this work.

Juvenile Delinquent examinations totaled 124 this year in comparison with 102 of last year. Requests for these examinations come from the courts of Taunton, Middleborough, Wareham, Plymouth, Barnstable, Provincetown, Edgartown and Nantucket. This service is indeed time consuming, as we do not have these children brought to us, but go wherever they may be, at any time we are requested to do so. We appreciate the excellent cooperation we have received from the judges, probation officers, police and others whom we contact, and we find this work very interesting.

School Clinics: Each year from the latter part of September to the first part of June, we devote two or three days each week to school clinics. Eight towns have been added during the past year, and this has been largely responsible for the decided increase in the number examined this year. In 1934 we had 339 examinations, and in 1935 we had 521. For the first time, we have been able to hold a clinic at the schools in Taunton this year, and though the beginning was small, we hope to have it grow in time. Despite economic conditions, the town of Hanson recently established a special class, and plans for a new special class were completed in Norwell. There are several towns in our district not having a special class, but request for examinations come along regardless. It is fortunate that we have other solutions to offer especially in those communities.

The following is a statement of the work accomplished by the various clinics:

Sources of Visits	Number of Visits
Community Welfare	6
Children's Aid Society	5
School Department	30
Society for the Prevention of Cruelty to Children	4
Private Physicians	31
Family Welfare Society	18
Taunton State Hospital	669

Department of Public Welfare	24
Court (Chapter 215 cases)	72
Others	74
Total	933

Attleboro			
Total Visits:		New Cases:	
Male	24	Male	1
Female	24	Female	20
Total	48	Total	

Fall River			
Total Visits:		New Cases:	
Male	152	Male	43
Female	114	Female	24
Total	266	Total	63

New Bedford			
Total Visits:		New Cases:	
Male	199	Male	43
Female	235	Female	21
Total	434	Total	64

Taunton			
Total Visits:		New Cases:	
Male	99	Male	24
Female	86	Female	13
Total	185	Total	37

New male cases seen	121	Male visits to clinic	474
New female cases seen	69	Female visits to clinic	459
Total new cases seen	190	Total visits to clinic	933

There were also 124 cases examined according to the provisions of Chapter 215, Acts of 1931.

SCHOOL CLINICS							
Number of towns visited.	.	.	.	.	28	
<i>Examinations:</i>				Male	Female	Total	
New Cases	.	.	.	282	146	428	
Old cases (re-examined)	.	.	.	70	23	93	
Number of incompletd cases	.	.	.	0			
Number of completed cases	.	.	.	521			
Total number of cases				521	352	169	521
<i>Recommendations:</i>							
Institutional care	4	1	5
Special class	137	74	211
Other recommendations	211	94	305
Total recommendations				.	352	169	521

OCCUPATIONAL THERAPY DEPARTMENT
Director — KATHERINE MACKENZIE
Activities of this department have been carried on under the supervision of the director, assisted by five aides, one physical director and one director of music. Occupational classes have been held on fifteen wards and in the main classroom.

he physical education classes have been held outdoors when the weather permitted. Other times, it has been necessary to carry on the work inside.

Every three months a group of affiliate and postgraduate nurses were given lectures in occupational therapy and twenty hours in practical demonstration. Other students were given a course of seven lectures and twenty hours of crafts and practical work in the classes.

As usual all recreational activities were under the supervision of this department. The Christmas season opened with a Christmas pageant entitled "The First Christmas," the cast being entirely composed of patients. This was followed by a pinsettia drill performed by six girls. Following this, many gifts for the patients were distributed from the very attractively lighted Christmas tree. Those who were not able to come to the assembly hall for their gifts received them on the wards. On Christmas Day special religious services were held both morning and afternoon, and during the week following, entertainments were held at each colony, as well as at the main hospital, and the program closed with the Employees' New Year Ball on January 3. In all, we tried to make the holiday season a happy one for the patients, and we feel that our efforts were repaid.

The following people very generously contributed to our annual Christmas Fund: Mrs. Lena Lodter, Mr. Bernard W. Hunt, Mr. Harvey C. Sampson, Mrs. K. Joystyan, Mrs. Clara Eldredge, Mrs. Grace Andrew, Mr. Isadore Levine, Mrs. Sarah E. Day, Mr. Patrick J. Tynan, Mrs. Gerald Casey, Mr. D. W. Haggerty, Mrs. Arthur Randall, Mr. and Mrs. John Wakefield, Mr. and Mrs. Edwin Searle, Mrs. Joseph Donelli, Mrs. A. Lima, Mr. Harry Atwood, Mr. William Kiley, Mr. Samuel Stone, Mrs. Alice McGinnis, Mr. Antone Perry, Mrs. Matilda Cory, Mrs. Sallett, Mr. Henry L. Southworth, Mr. Henry Waterman, Mrs. Helen G. Rotch, Mrs. P. H. Rogers, Mr. Louis Chabot, Mr. Alfred Carlson, Mr. and Mrs. Lane, Miss Katherine L. Harrington, Mr. E. L. Surgens, Mrs. Annie Hennessey, Mr. Joseph Hull, Miss Nellie Collins, Mr. A. G. Chadbourne, Mr. William Cowell, Mrs. Azelie Melancon, Dr. Jesse W. Battershall, Miss M. Gertrude Bates, Mr. Matthew H. Howes, Mrs. Agate Rakowska, Miss Charlotte Paine, Mrs. L. A. Penney, Mrs. P. C. Lincoln, Mrs. Adele Ouellette, Mr. Joseph Langfield, Miss Elizabeth Morrissey, Mr. William Allinson, Mrs. Aime J. Vincent, Mr. A. Mann, Mr. A. J. Purdy, Mrs. Ruth S. Linell, Mrs. A. Slade, Mrs. Eva LePage, Mrs. Harold Rogers, Mrs. Rita Benedetti, Mrs. Daniel Dyer, Mr. Arthur Gauthier, Mrs. Michael W. Keefe, Mrs. Catherine L. MacDonald, Mr. Azar Abdow, Mrs. Charles H. Cook, Mr. Charles Perry, Mrs. Angie Quilty, Mr. Duncan Sinclair, Miss Helen Paull, Mrs. Catherine Dailey, Mr. Peter Matonis, Mr. Ernest A. Read, Mr. Charles C. Cain, Mrs. Elizabeth C. M. Gifford, Mrs. Mary Besse.

Other activities of the year follow in order of the date on which they occurred: January 14 — Veterans of Foreign Wars Auxiliary furnished a five piece orchestra for dancing at the main hospital. Gifts of candy and cakes were given to the ex-service men.

January 29 — Loyal Easton Lodge M.A.P.U. of Eastondale presented a minstrel show.

February 11 and 12 — Valentine Parties for patients and employees.

March 18 and 19 — St. Patrick's Parties for patients and employees.

March 28 — Play "Let's Go Somewhere" presented at the main hospital. Cast composed of patients, the hospital orchestra furnishing selections between the acts.

April 4 — Above play presented at Lovering Colony.

April 11 — Above play presented at the Wrentham State School.

April 15 — Operetta "Ship Ahoy" presented at the main hospital by the boys and girls of the Wrentham State School.

April 16 — Play "Let's Go Somewhere" presented at the Borden Colony.

April 18 — Play "For the Love of Michael" under the direction of Mrs. R. M. Ell, Mrs. John Panton and Miss Louise Davies of the Taunton Women's Club, presented at the main hospital.

April 22 and 23 — Easter Parties for patients and employees.

May 2 — Entertainment presented by the American Legion. The ex-service men were presented with candy and gum.

May 21 — Minstrel Show under the auspices of the Men's Club of St. John's Episcopal Church, including a four piece orchestra. Cast included forty people.

May 27 and 28 — May Parties for patients and employees.

June 16 — The Baptist Church Radio Group of Pawtucket, R. I., presented a song service and Mrs. Norman K. Beals delivered a short address.

August 15 — Play "Tea Time" presented at the main hospital. Cast composed entirely of patients.

August 21 — Whist party for patients.

September 5 — Play "Tea Time" presented at Lovering Colony.

September 9 — Above play presented at Borden Colony.

October 17 — Nurses' Graduation Dance.

October 28 and 30 — Hallowe'en Parties for patients and employees.

November 14 — Play "The Blue Bag" presented at the Lovering Colony. Cast composed of seven patients.

November 18 — Above play presented at Borden Colony.

November 21 — Above play presented at main hospital.

November 23 — Above play presented at the Foxborough State Hospital.

November 25 and 26 — Thanksgiving Parties for patients and employees.

In addition to the above, weekly band concerts were held at both colonies, and vaudeville shows at the main hospital which were sponsored by the Emergency Relief Association. Motion pictures and dances were also held weekly at the main hospital.

The following is a report of the Occupational Therapy treatments during the year:

<i>Cases</i>	<i>Number of</i>	<i>Cases</i>	<i>Number of</i>
Under treatment first of year	388	Discontinued	95
Admitted to classes during year	1,333	Discharged	158
Previously treated	691	Died	11
Not previously treated	642	Under treatment end of year	496
Transferred	961	Under treatment during year	1,721

Articles Completed by the Patients: — 864 runners, 29 centerpieces, 1 danvenport set, 25 table covers, 17 scarfs, 5 chair sets, 1 place mat, 13 pillows, 1 patchwork quilt, 7 art squares, 199 rugs, 10 trackers, 139 shoulderetts, 2 sweaters, 40 face cloths, 56 key cords, 9 dozen parole card cases, 1 pair boudoir slippers, 253 dozen crepe paper flowers, 9 reed jardinieres, 4 reed trays, 6 hanging baskets, 79 coat bags, 68 large paper envelopes, 2 smoking stands, 1 end table, 12 door stops, 6 poinsettia costumes, 40 dozen poinsettias, 8 Christmas wreaths.

Miscellaneous: — 50 bags evergreen strung, 1,900 bags of candy put up, 76 pictures backed with paper, 8 name blocks lettered, 8 lawn signs lettered, 53 posters lettered.

Book-Binding: — 55 volumes of New England Journal of Medicine, 34 volumes of American Journal of Medical Science, 15 volumes of Journal of Mental Science, 24 volumes of Journal of Experimental Medicine, 19 volumes of Alienist and Neurologist, 10 volumes of Psychological Medicine, 5 volumes of Journal of Nervous and Mental Diseases, 6 volumes of Medical Record, 1 volume of Journal of American Medical Association, 1 volume of the Boston Medical and Surgical Journal, 8 volumes of the American Medical Journal, 1 volume of the Medical Research, 34 volumes of The Sanitarian, 14 volumes of the American Journal of Medicine and Insanity, 6 volumes of Journal of Mental Pathology, 16 volumes of Review of Reviews, 1 volume of Boston Medical and Surgical Journal, 6 volumes of Laboratory and Chemical Medicine, 2 volumes of American Journal of Psychiatry, 19 volumes of the American Dental Association, 7 volumes of Dental Cosmos, 2 volumes of Operative Dentistry, 13 volumes of Dental Items of Interest, 13 volumes of Occupational Therapy and Rehabilitation, 6 volumes of Needlecraft, 2 volumes of School Arts Magazine.

There were also 346 books revamped and lettered.

SCHOOL OF NURSING

Principal — ANNIE A. HALL, R. N.

The enrollment of the school for the year was as follows: 11 seniors, 10 preliminary students, 9 postgraduate students, and 21 affiliating students.

Seven students successfully completed the three year course, 7 completed the six months' postgraduate course, and 16 completed the three months' affiliation course. Twenty-three completed the course outlined for attendant nurses, and classes have been started with all attendants who entered when the eight hour day was put into effect.

The three months' affiliation has been increased to a four months' period, and the postgraduate course has been extended from six to eight months, as more material had to be crowded into these courses than it was possible for the student to carry in the shorter period of time. An affiliation for the four months' course has been arranged with Saint Luke's Hospital, New Bedford, Mass., and will begin on February 1, 1936.

Graduation exercises were held on October 17, 1935, followed by a reception and dance. Miss Delight S. Jones, R. N., president of the Massachusetts State Nurses' Association, was the speaker, and chose as her subject "Modern Trends in Nursing Education."

Members of the graduating class were guests of the alumnae at a banquet on October 15, at which time the Linda Richards prize was awarded to Miss Rhea Perreault for her essay on "Nursing Care of Dementia Praecox." The first and second prizes for general merit were awarded to Miss Mary Adamczyk and Miss Rhea Perreault at a dinner when the directors of the school and members of the graduating class were guests of the Board of Trustees.

It is with regret that we report the death of one of our postgraduate students, Miss Margaret Kline, graduate of Iowa State University of Nursing in 1934, who died of pneumonia on March 15, 1935.

The following changes and additions have occurred in the nursing staff: Miss Ella P. Jackson, R. N., who for seven years, served very efficiently as assistant principal of the school of nursing, was promoted to the position of principal of the school of nursing at the Foxboro State Hospital. Miss Helen Bunevith, R. N., graduate of the Worcester State Hospital of Nursing in 1928, was appointed to fill the vacancy. Miss Marguerite Denning, R. N., graduate of the Army School of Nursing in 1921, was promoted from head nurse to supervisor, and Miss Mildred Lemaire, R. N., graduate of the Taunton State Hospital School of Nursing in 1934, was appointed teaching supervisor. The following head nurse appointments were made: Miss Anna Wasilauski, Taunton State Hospital, 1933, Miss Gladys Eleanor McCarthy, graduate of Taunton State Hospital, 1932, Miss Florence Malone, graduate of Taunton State Hospital, 1934, Miss Edith Ripley, graduate of Taunton State Hospital, 1934, Miss Grace Belanger, graduate of Tewksbury State Infirmary, 1933 and postgraduate course of Taunton State Hospital, 1934, Miss Angelina Raschella, graduate of St. Francis Hospital, Pittsburgh, 1934 and postgraduate course of Taunton State Hospital, 1934, Miss Theresa Chaisty, graduate of Taunton State Hospital, 1934, and Miss Helen Grady, graduate of Taunton State Hospital, 1934. Miss Edna Ashton, R. N., graduate of Taunton State Hospital in 1933, resigned to be married in June 1935.

The school was visited in April by Miss Harriet Bailey, R. N., who made a three day survey on behalf of the National League of Nursing Education and the American Psychiatric Association. Miss Helen Sullivan, R. N., Supervisor of Nursing Schools, Massachusetts Board of Registration of Nurses, made an inspection visit on August 14, 1935.

The school has put forth every effort to meet the standards recommended by the Board of Registration for Nurses. This has been a difficult matter because of lack of facilities and poorly equipped classrooms resulting from a change of quarters necessitated by the reconstruction program of the hospital, so it is with a great deal of pride and enthusiasm that we await the completion of a teaching unit in the new hospital building, consisting of classrooms, reference library, dietetic and science laboratories, all properly equipped to give the student the best possible training.

Once again the school recognizes its indebtedness to the Board of Trustees, the medical staff and other departments of the hospital for the many and varied services, and is deeply grateful for the help and consideration given.

RELIGIOUS SERVICES

Catholic, Protestant and Jewish services have been held at the hospital on Sundays as in previous years. Religious services have also been conducted at each of our colonies. The music for these services has been furnished by our musical director and choir, composed of patients. The different clergymen have made numerous sick calls during the year, and we have always found them ready and willing to serve at any time. The Jewish patients meet with Rabbi Jonas Kamin for their weekly services.

The following clergymen have assisted us during the year: Reverend Frederick Alden, Reverend Leroy Allen, Reverend Wilton Cross, Reverend J. Linton Dwyer, Reverend John Findlay, Reverend Cyril Hartman, Reverend Francis Maloney, Reverend Henry M. Medary, Reverend Arthur Soule, Reverend Douglas Swaffield, Reverend Arthur Tansey and Reverend Hansel Tower.

LIBRARY

Director — MR. CHARLES ST. CLAIR WADE

This year there has been a notable enlargement of the library service. Subscriptions were placed for twenty-four current magazines; e.g. Harper's Bazaar, Vogue, American Girl, Baseball, Today, etc. These magazines, in strong, durable holders, stamped with the name of the magazine, go to eight wards on each division, and are changed at regular, weekly and monthly intervals; also, eleven of the returned magazines from the canteen and front center go, in magazine holders, to these wards. These magazines are those that contain articles of more than current interest. Reports have reached the library that all these magazines are being thoroughly read and enjoyed. A larger number of the more popular sort of the returned magazines; e.g. Adventure, Popular Science Monthly, Detective Stories, etc., are being bound in the library by the so-called "Toronto Method." These are not to be permanent additions to the library, but are to be withdrawn from circulation as soon as they have outlived their usefulness. As these bound volumes go to wards which do not get the original, loose copies, they also are being widely read. The remaining magazines, with the exception of those of permanent value, such as The National Geographic Magazine, which are bound for preservation, go to the receiving wards, and those having the most illustrations go to the tuberculosis wards. Books and gift magazines are going regularly to both colonies and to sixteen wards, including both the male and female divisions.

Total number of books on	Additions, bound magazines,	
Nov. 30, 1935 6,036	temporary volumes 25	
Additions by gift 25	Books lost—male division 4	
Additions by purchase 275	Books lost—female division 99	
Additions, bound magazines,	Employees' Library Cards 99	
permanent volumes 19	Total annual circulation 8,370	

The following persons contributed to our library during the year: Dr. William F. Wyatt, Mrs. Catherine Simmons, Mr. A. C. Bent, Mrs. George Burt, Mr. E. Russell Davol, Mrs. L. Hern, Mrs. T. W. Smith, Mrs. Paull, Mr. George Wilcox, Mrs. William McGuinnis, Mrs. Allyn, Mrs. A. E. Robinson, Mr. Henry Slade, Miss Bertha Washburn, Mr. Willard Wordell, Miss Bragg, Mrs. Edith Curtis, Mr. Hastings, Mrs. William Davis, Mrs. E. E. Curtis, Mrs. Richard Smerdon, Mrs. Frank Wellman, Mrs. Frank Smith, Mrs. L. Boyd.

MEDICAL LIBRARY

Director — DONALD G. HENDERSON, M. D.

The medical library is still housed in the main building where it offers easy access to the members of the staff. During the past year the room has been re-decorated which has added much to its attractiveness.

At the present time all periodicals have been bound, and this furnishes a reference library complete in neurological and psychiatric volumes as far back as 1923, and even further in some journals.

Through the efforts of the superintendent, the department has acquired the catalogue of the library of the Surgeon General's Office, United States Army from 1895 to 1918, which furnishes a very welcome addition to the contents of the Quarterly Cumulative Index Medicus.

The entire fifteen volumes of the Encyclopedia of the Social Sciences has also been installed, and is a distinct aid in keeping abreast of the trend of modern thought.

A survey of the material contained in this library shows that there is a total of 1,118 books of which 734 are text books and encyclopedia dealing mainly with nervous and mental diseases, and outstanding standard works in medicine, surgery and the various specialties. The remainder, 384 are bound volumes of the best medical journals of this continent.

To date we have not ventured into the field of foreign periodicals, but as this seems to be a necessary procedure, it may be undertaken next year.

STEWARD'S DEPARTMENT

Kitchen and Bakeshop

This department under the supervision of our dietitian, Miss Harriet Glover, has continued to function satisfactorily. A summary for the year reveals the following facts to be firmly entrenched in the minds of those having to do with food preparation and service: Ever changing menus, excellence in preparation and more efficient service of food stuffs in the cafeterias and dining rooms. The daily menu in the patient's cafeteria has continued to consist of the following: Breakfast — choice of cereals, one main course, choice of bread or hot rolls, and coffee. At dinner on four days of the week there is a choice of three different meats, four vegetables, two breads, salad, two desserts and tea. On the other three days, fish is substituted for meat, the rest of the meal being the same. In the evening there is a choice in the main portion of the meal, a dessert, plus a choice of tea or milk. Fruit of some kind is served daily to the patients either at breakfast or at supper time, this adding no end of enjoyment to the meal. A vegetable soup, the stock of which is composed of the water in which the vegetables for the meal were cooked, is often served as an extra at the noon or night meal. In this way, the meal is not only augmented, but more of the vitamin and mineral content of the vegetable is consumed. The water in which potatoes have been cooked is regularly turned over to the bakery department to be used in the making of bread, and this has added materially to the quality and nutritional value of this commodity.

Two new pieces of cooking apparatus were added to the kitchen equipment during the year; one an additional friolator, the use of which enables us to make more tasty dishes of our left overs; and a Gem Hamburg Machine which has enabled us to serve more efficiently such compressed meats as sausage, hamburger, etc.

The ventilating system for the kitchen and cafeterias was renovated. The exhaust ducts which formerly vented at the side of the building have been carried up through the roof. This has increased the efficiency of the whole system.

An electric water cooler has been installed on the water lines to the two staff dining rooms. This has eliminated the necessity of sending artificial ice to these locations, and will naturally assure a constant supply of cold water at all times.

The equipment in the vegetable preparing room was augmented by the purchase of a kraut cutter, 10 fifty gallon stone crocks and additional metal chairs.

The manufacture of laundry soap has continued, no purchase of this item being made during the year.

The late summer and early months of the Fall found our canning department functioning as usual, but our total amount of canning was not as great as in the year 1934 due to a partial loss of the tomato crop. A list of the vegetables canned will be found in the report of the farm.

Special attention was paid to the menus on holidays, appropriate dishes being served to add to the further enjoyment of the day.

There is in our budget for the year 1936, a request for the following items to replace present equipment in the kitchen: Coffee urns and an ice cream hardening cabinet. Both of the present pieces of equipment have naturally received a tremendous amount of use, and have reached a point where they are no longer efficient or worth further repairs. There is also in the 1936 budget a request for the following items which will be used in the kitchen and dining rooms of our two colonies: Gas ranges to replace the present very old and inefficient coal burning equipment, bread toasters and cafeteria counters.

Miss Dorothy Bailey, formerly assistant dietitian in charge of all special diet resigned her position in the Fall to become dietitian at the Medfield State Hospital. Her position has been very capably filled by Miss Faith Holmes, a graduate of the Connecticut State College. Miss Holmes has carried on very ably and has brought into this department, new ideas of value. Special diets are closely scrutinized daily by the prescribing physician, and weekly reports are turned in to the assistant superintendent for his perusal and alteration, if necessary. In addition to the diets received by the patients at regular meal times, a large amount of eggnog and cocoa is sent out in the morning and afternoon to those who require additional nourishment between meals.

The following is a list of the special meals which have been served during the year:

Anemia	9,741	Liquid	1,16
Cardiospasms	1,116	Low protein	1,11
Diabetic	25,854	Reducing	1,30
Fat free	3,360	Salt free	55
Gastric	7,182	Soft solid	2,21
High caloric	9,354	Supplementary	13,33
High carbohydrate	1,488	Typhoid convalescent	2,23
Ketogenic	837	Wheat allergic	1,11
Total			81,97

LAUNDRY

A total of 2,177,166 pounds of laundry work was handled by this department during the year, which is an increase of 31,919 pounds over the previous year. That this department is able to turn out this great volume of work with its present equipment is remarkable.

The installation of a dry cleaning apparatus was completed in November. This unit, even in this short space of time, has amply proven its great value.

Mr. Frank Roffey, the laundry investigator for the State Department of Administration and Finance, has visited us regularly, and has given us very many valuable ideas for which we are extremely grateful. A series of meetings of all the heads of institution laundries were held at the Worcester and Metropolitan State Hospitals, at which times lectures were given by Mr. C. E. Lennox on the subject of washing processes. These meetings which were sponsored by the Department of Mental Diseases, proved to be very instructive and of great value. One of the immediate results of the meetings was the discontinuance of the use of the more expensive laundry compounds, as it was proven that these compounds consist for the greater part, of the inexpensive ingredients and expensive trade names, and that very satisfactory work can be had by the use of soda ash and caustic soda; however, it was pointed out that these two alkalies must be controlled, consequently, the necessary testing kit has been bought so that at all times washing processes will be controlled. This is supposed to, and we believe it will, result in a material decrease in the cost of laundry work.

GARAGE

A total of 8,126 miles were covered by our passenger cars and trucks during the year. Despite this fact, no serious mechanical difficulties were encountered. This was due chiefly to the fact that much attention is paid to the making of small repairs. The garage personnel has kept all of our roads free from snow during the winter, and has made repairs on motor equipment other than automobiles such as lawn motor mowers, tractors, cement mixers, etc.

STOREROOM

Our storekeeper, Mr. John J. Finn, resigned in October of this year because of ill health. He opened our present storehouse several years ago, and it was largely through his efforts that the system now in use was evolved.

The general condition of the stock as well as inventories have been checked frequently, and found to be in satisfactory condition. The storeroom is a very important unit in the service department, and if care is not used in determining

specifications and handling perishables, the diet will suffer. That these details have been given much attention is indicated by the fact that six months' supplies of butter and eggs were stored in our coolers during the past year, without any apparent loss.

Despite a change in personnel in the meat department, the duties of that department have continued to function satisfactorily as in years past.

SALVAGE YARD

The salvage yard continues to play a very important part in the management of the hospital. Its activities are under the direction of the blacksmith who supervises the collecting, storing and disposal of the many different articles sent here by the various departments. The amount of salvaged materials is increasing every year, and we believe that this has been due in a large measure, to the establishment of this system. The blacksmith also accomplishes all the iron work of the hospital, the work in his shop varying from the shoeing of horses to electric welding.

INDUSTRIAL DEPARTMENT

The many activities of these departments are clearly indicated in its report. The report, however, does not mention the therapeutic value which must have been derived by the patients from these activities. It is indeed a pleasure to visit this department and see men quietly and contentedly at work, taking great pride and interest in the finished product. Many new products were developed during the year, all of which are of interest to some, but one in particular, we believe, should be of interest to all. This is the manufacture of aluminum bulletin board letters from old pieces of cast-off aluminum dishes, trays, etc. Previously it was necessary for us to purchase a large number of white deltaloid letters for our board at a cost in the neighborhood of three cents each. These letters were naturally fragile and once cracked or broken could not be repaired. The aluminum letters have proven equally as attractive, and are practically unbreakable. They also give interesting work to some old gentlemen who like to fuss over metal.

Shoes for both male and female patients continue to be made to order as to size and width. The former practice of a canvas toe box was discontinued, and a leather box substituted. The construction of the shank of the shoe has been changed and greater attention has been paid to the turning out of a more attractive shoe, especially in regard to the women's shoes.

Again our tailor shop has furnished all the cotton and woolen suits worn by the patients. These suits compare very favorably with the ordinary business suit.

FURNITURE SHOP

Manufactured — 29 sashes, 250 stakes, 24 boxes, 76 window stops, 280 parting strips, 20 keys, 8 cutting blocks, 61 racks, 24 doors, 24 crochet hooks, 2 bulletin boards, 74 wooden gliders, 53 screens, 1 cabinet, 20 frames, 4 signs, 8 blinds, 1 wardrobe, 1 closet, 1 table, 8 paddles, 111 thresholds, 12 doorstops, 57 stair reads, 42 casters.

Repaired — 4 stairs, 1 spreader, 267 windows, 316 locks, 3 desks, 228 doors, 31 tables, 41 shelves, 476 chairs, 47 drawers, 92 screens, 12 knives, 6 wardrobes, 35 bed trays, 89 racks, 43 keys, 5 baseboards, 40 pairs scissors, 1 victrola, 3 frames, 1 box, 1 ventilator, 12 screens, 4 mirrors, 7 settees, 11 menu boards, 11 paper folders, 4 ironing boards, 2 baskets, 3 thresholds, 1 bed rest, 1 fernery, 34 window blinds, 10 floors, 3 registers, 24 broom handles, 3 sashes, 2 counters, 4 bureaus, 1 book case, 6 baskets.

INDUSTRIAL SHOP

Made — 1,007 mattresses, 760 pillows, 665 brooms, 358 brushes, 9 cups, 2 ventilators, 39 wreaths, 1 stovepipe, 82 mops, 64 pails, 15 cans, 5 containers, 2 rope mats, 2 pans, 3 dippers, 65 spades, 68 shades, 122 menu letters.

Repaired — 29 clocks, 8 containers, 3 coalhods, 50 cans, 1 basket, 1 ladle, 3 pumps, 10 racks, 31 pans, 3 shades, 18 strainers, 9 pitchers, 12 pails, 47 tins, 2 wringers, 4 scoops, 1 flour sifter, 45 brushes, 6 chairs, 7 hampers, 9 racks, 6 prayers, 1 spreader, 1 ventilator, 1 kettle, 8 boilers, 5 colanders, 7 covers, 2 signs,

1 sofa, 9 dispensers, 18 shades, 2 tables, 1 bell, 12 hose nozzles, 3 dippers, 3 egg beaters, 5 scrapers, 1 tub, 8 pans, 2 refrigerators, 2 pipes, 5 cues, 1 thermometer, 1 cushion, 1 door, 1 percolator.

Upholstered — 17 chairs, 6 sofas, 58 cushions, 3 hassocks, 4 divans, 1 head rest
Caned — 52 chairs.

TAILOR SHOP

Manufactured — 238 woolen suits, 134 cotton coats, 128 cotton pants, 263 pair overalls, 93 jumpers, 8 pairs pajamas, 95 white duck coats, 25 pairs white duck pants, 21 bathrobes, 240 rag rugs.

Repaired — 1 truck canvas, 2 rugs, 3 art squares.

Cleaned and Pressed — 5,002 suits, 31 dresses, 35 coats, 2 bathrobes, 9 sweaters, 9 neckties, 1 cape.

Cleaned and Blocked — 299 hats.

Miscellaneous — 18 rugs bound, 1 carpet fitted on stairs, 644 grommets put in towels, 71 grommets put in tub covers.

Shoe Shop

Manufactured — 392 pairs men's shoes, 68 pairs women's shoes, 134 pairs slippers, 79 pairs straps, 27 pairs moccasins, 1 leg guard.

Repaired — 1 medicine case, 1 binder, 1 horse collar, 2 bags, 4 rubber aprons, 1 carpet runner, 99 straps, 1 ball glove, 8 pairs baseball shoes, 1,859 pairs rubber heels put on, 316 pairs leather heels put on, 449 pairs nailed taps, 673 pairs sewed taps, 675 uppers patched, 345 soles patched, 426 rips sewed up, 468 pairs heel linings put in.

SEWING ROOM

Manufactured — 542 aprons, 12 arm slings, 24 bath aprons, 37 bed pan covers, 300 bibs, 738 blankets hemmed, 99 blankets tagged, 152 bloomers, 56 chair backs, 4 canvas ice bags, 12 caps, 79 coffee bags, 110 pillow covers, 203 curtains, 423 dresses, 48 dust cloths, 84 face cloths, 50 gowns, 87 hammocks, 132 head bands, 23 hot water bottle covers, 56 ice collar covers, 12 instrument covers, 529 laundry bags, 192 mattress ticks, 60 mittens, 9,620 napkins, 950 night shirts, 20 pairs over drapes, 36 pack blankets tagged, 1 pair pajama pants, 20 pajama suits, 3,196 pillow slips, 82 screen covers, 2 seat covers, 3,977 sheets, 24 sheets tagged, 1,839 shirts, 114 women's slips, 12 sofa pillows, 131 table cloths, 94 pairs tie backs, 3,862 towels, 75 tub covers, 172 utility cases, 51 valances, 52 curtains, 2 x-ray table straps, 738 blankets hemmed, 99 blankets tagged, 10½ yards canvas, 96 coats stamped T.S.H., 4 yards cretonne, 1½ yards curtain material, 62 shroud squares.

At Lovering Colony the following articles were made — 24 aprons, 239 laundry bags, 302 napkins, 330 night shirts, 393 sheets, 174 sick shirts, 11 puffs tied.

MENDING ROOM

Repaired — 1,071 aprons, 245 bathrobes, 145 bibs, 257 blankets, 577 B.V.D., 306 coats, 104 curtains, 2,255 drawers, 6,255 dresses, 51 face cloths, 4 flags, 113 gowns, 3,750 laundry bags, 575 mattress ticks, 748 napkins, 6,116 night dresses, 354 overalls, 122 pairs pants, 274 pillow slips, 39 puffs, 9 rugs, 1,172 sheets, 5,731 shirts, 2,160 women's slips, 377 spreads, 11,567 stockings, 28 sweaters, 23 table cloths, 1,481 towels, 658 tub covers, 1,667 unionsuits.

FARM

Director — MR. FRED GULLON

Farm operations when taken as a whole, have been successful during the past year. Our garden crops were very good with the exception of tomatoes, onions and early cabbage plants. The tomatoes were killed by a blight in the height of the bearing season, and only about one-half of the ordinary crop was harvested. The onion tops were badly injured by a hailstorm at the time they had attained about fifty percent of their desired growth. The early cabbage plants were destroyed by birds. Despite these misfortunes we have sufficient vegetables in storage to supply our demands with the exception of onions. In addition, much of our crop was canned as shown by the following report — 4,442 No. 10 cans

string beans, 300 No. 10 cans beets, 2,682 No. 10 cans carrots, 2,471 No. 10 cans swisschard, 374 No. 10 cans winter squash, 2,160 No. 10 cans tomatoes, 270 gallons sauerkraut, 82 quarts grape jelly, 300 gallons mustard pickle, 230 gallons piccalilli, 405 gallons cucumber pickles, 85 gallons sweet pickles.

Our milk production has increased, but the number of cows remaining in the herd after the elimination necessary in eradicating Bangs Disease was not sufficient to produce as much milk as we would have to have. During the latter part of the year, this deficiency was compensated for by the purchase of several cows from well known herds, and we hope that our milk production will more nearly approach the ideal during the coming year. We have the satisfaction of knowing that we are now free from both Bangs Disease and Tuberculosis.

Pork production has continued in the same ratio as last year, namely, about fifty pounds per capita. It is feared that the time is approaching, however, when we will not be able to produce this amount of pork because of the constant infringement upon the land which has been used to accommodate the herd.

The hennery has been operated at a satisfactory profit, and our egg production exceeded that of the year before. In addition, many pounds of broilers, chickens and fowl have been sent to the storehouse.

Our greenhouse has continued to supply us with a generous supply of cut flowers and potted plants for distribution throughout the hospital. A new supply of lining-out stock was set in our nursery during the early spring, and we are hoping that a generous supply of shrubs will be on hand when the landscaping in the vicinity of the new buildings is to be accomplished. Our forester has continued to care for our shade trees, and to keep the gypsy moths in control. In the summer time he supervises the care of the lawn.

Our orchards were badly damaged by severe winters, and it will take some time to bring them back to normal.

The piggery and the hennery which have been located at the main hospital group will, within a comparatively short time, have to be transferred to the Borden Colony, as they are located entirely too near the new hospital group which is now under construction. This fact has been mentioned in several reports previously, and plans for this change are available. It is hoped that an appropriation for this purpose will be made before long.

The production of the farm is as follows — (In pounds) 596,792 milk, 12,555 beef, 4,291¼ liver, 88 veal, 79,982½ pork, 4,846½ fowl, 672½ chicken, 3,039 broilers, 183,874 potatoes, 651,650 ensilage, 5,300 green feed, 43,800 green feed oats, 49,980 green corn, 39,060 green rye, 90,665 millet, 154,000 hay, 306,894 green hay, 109,150 green feed clover, 149,490 mangles, 3,900 apples (firsts), 1,729 apples (seconds), 249 grapes, 1,928 strawberries, 688 red raspberries, 2,027 asparagus, 27,493 string beans, 32 lima beans, 302 shell beans, 19,469 beets, 3,809 beet greens, 552 brocoli, 130 brussels sprouts, 80,736 cabbage, 7,360 canteloupes, 71,089 carrots, 1,101 cauliflower, 4,300 celery, 27,778 swiss chard, 20,318 sweet corn, 10,296 cucumbers, 270 dandelions, 676 egg plant, 4,179 kale, 232 leek, 3,313 lettuce, 22,604 onions, 20,972 parsnips, 2,731 green peas, 993 green peppers, 4,312 pumpkins, 1,646 radish, 5,428 rhubarb, 6,852 spinach, 17,674 summer squash, 70,612 winter squash, 28,681 green and ripe tomatoes, 37,169 turnip, 2,108 turnip greens, 13,456½ dozen eggs.

REPAIRS ORDINARY

Our mechanics have been kept extremely busy during the year, and more than the usual amount of work has been accomplished. All of our buildings are well painted both inside and outside. The roofs are now in good repair. Much of the plastering in the main building will have to be replaced within the next few years, and work for the carpenters is always present in our older buildings. The male nurses' home has required much in the way of repairs during the year, and within a few weeks almost all of the plaster will have been replaced. This, combined with a new coat of paint and new linoleum floor coverings, has transformed the building almost completely.

The renovation of the Leonard House at the Borden Colony has been completed, and it is possible to accommodate at least ten more patients there than previously.

More floors have been relaid and resurfaced at the Lovering Colony.

The apartment formerly occupied by the Superintendent has been completely renovated, and is now in very good condition. This will add to the space occupied by administrative employees. This was a long felt need.

Much repairing has been done on the heating systems and electric wiring.

Several of our boilers that have been in use for many years have required extensive repairs.

REPAIRS AND RENEWALS

The following improvements were made possible by appropriations under this heading during the year.

A small dry-cleaning plant was installed during the early Fall, and is now in operation. This will, without doubt, serve to preserve our woolen suits, and enable us to keep our patients' clothes in much better condition.

Linoleum floors have been laid throughout the male nurses' home, as well as on male ward nine.

A new laundry chute was established in the vicinity of the East Godding Building.

Additions to the heating systems in the extensions, East and West Choate Buildings, and Brown and Howland Infirmaries have served to clear up several cold spots.

A new roof was laid on the cow barn.

The shoe shop has been made much more comfortable by the addition of a monitor on its roof.

A power lawn mower was added to our equipment. This was badly needed because of the increase in the amount of lawns to be taken care of.

The metal work was replaced on the roofs of the Brown and Howland Infirmaries, and the roofs of several porches on the female nurses' home were renewed.

All the flat roofs at the Lovering Colony have been renewed.

A pressure water cooler was installed in the rear center. This supplies the drinking fountain for the offices, as well as drinking water for the two dining rooms above.

Our street lighting system was extended to the vicinity in the region of the nurses' home and the Superintendent's house.

SPECIAL APPROPRIATIONS

During the year two Public Works Administration Projects have been begun. One which included the installation of automatic sprinklers in certain buildings throughout the institution was completed in the early Fall. All the attics in buildings occupied by patients, and all the buildings immediately adjacent to the main building are now protected. The other project included the erection of a general hospital and an infirmary building. Work was begun in March, and has progressed satisfactorily until, at the present time, both buildings are closed in. It is to be hoped that this project will be completed some time during the coming year. Quarters will be furnished for the medical and surgical activities of the hospital as well as for the most of our sick and infirm patients. This last project marks the beginning of our hospital group, the building of which has been advocated for a great many years.

The following projects have been selected from the different items in our plans for the future development of the institution. All are badly needed and should be completed in the near future.

Power Plant Renewals and Rewiring:

Our present power plant was established more than thirty years ago, and while it is in very good running order, it will not furnish the electrical energy necessary to supply light and power to the new buildings now being erected; consequently, before these buildings can function, the generators, transformers and switchboard must be replaced. In addition, a new transmission line must be established between the power plant and the new group, and much of the wiring in the main building must be replaced. These buildings were wired more than thirty years ago, and the trunk lines which run from the power plant to the risers in the building are not encased in conduit, and most of them are within easy access to anyone who may be passing through the basement. This project is an absolute necessity.

Installation of Fire Alarm System:

At the present time the person who discovers a fire must call the telephone operator who spreads the alarm. This method has functioned satisfactorily for many years, but it is easy to see that valuable time might well be lost, and the installation of a modern system is recommended whereby the alarm is sounded in the building in which the fire is discovered, and warnings sent to the various officers needed in such an emergency, by the pulling of a fire box located on each ward, by the person discovering the fire.

Rénovation of Bath and Toilet Sections on Male and Female Wards:

We have, in the past few years, succeeded in renovating the bath and toilet facilities on several of the wards, but the facilities on twelve wards are old, inadequate and insufficient. Most of these wards accommodate between fifty and sixty patients, and are supplied with only one bath tub, three lavatories, and two water closets. This matter has been mentioned in several previous reports, and it is now strongly urged that an appropriation for this purpose be granted during the coming year.

Renovation of Male and Female Infirmarys:

The patients now occupying these buildings will be transferred to the new buildings when they are completed some time during the latter part of next year. They were constructed about forty years ago, and may be considered very good second class buildings. It is proposed to replace the wooden floors with concrete and linoleum, and to renew the wiring and plumbing. This would put them in condition for many years service and render them practically fireproof. The best time to do this work is at the time the buildings are to be vacated, as it will not be possible to quarter any patients in them while the work is going on, and it can also be seen that it would not be profitable to permit them to stand unoccupied. This item should also receive careful attention.

Laundry Building and Equipment:

The condition of our laundry building and its equipment has been described in previous reports. The building is old and not properly equipped with elevators. In the past year, the additional work due to the increase in the number of patients cared for, as well as the new employees required by the forty-eight hour law, have served to accentuate the defects in an already overworked unit. The machines, with a few exceptions, must be replaced in the near future. The work now being done requires continuous performance, and it is difficult to see how new machinery can be installed without seriously interrupting the service; consequently, in view of the fact that the space in the present building can be used to advantage for other purposes, it is recommended that a new laundry building be erected and equipped with new machinery while the other laundry is still operating. Unless this project is given favorable consideration in the near future, it is feared that a very embarrassing emergency may arise.

Nurses' Home:

Approximately 100 employees who are entitled to full maintenance are living outside the institution and being reimbursed for part maintenance. When the new buildings now under construction are opened, arrangements will have to be made for 50 more. This is a condition which is not satisfactory from the standpoint of the Commonwealth or the employee. It is proposed to correct it by building a home for approximately 150 women. The building now used for women would serve to augment the quarters available for men.

Kitchen and Dining Room Building — Hospital Group:

This building was under consideration at the time the buildings now under construction were approved, but it could not be included in the program because of insufficient funds. Until such time as this building is erected, food for the patients quartered in the new group will have to be transported from the main group through a tunnel. This arrangement will not be satisfactory, and should not exist longer than is absolutely necessary. In addition, the facilities in our

employees' dining room are being used to their full capacity, and when the additional employees necessary to put these buildings into service become a part of our organization, it is difficult to determine just how we will manage to feed them. This project constitutes a very important link in the construction of the new hospital group, and is deserving of careful attention.

Infirmiry Building — Hospital Group:

In the new hospital group, one unit consists of a hospital building and two infirmiry buildings. The hospital building and one of the infirmaries are now under construction, but it will not be possible for the unit to function properly until the second infirmiry is a reality. The hospital building is equipped with medical and surgical facilities, laboratories, quarters for sick employees and a training school for nurses, as well as two wards, one for men and one for women who are in need of medical and surgical attention. The infirmiry building has three wards for infirm patients and one ward for patients suffering from Tuberculosis. It will not be possible to use this ward in the infirmiry building now being erected for the purpose for which it was intended, as the space in the building will be needed for the infirm. This means that the present wards for the treatment of Tuberculosis will have to continue to function. If the percentage of patients of this type continues the same, the increase in population which is to be expected when the new buildings are completed, the facilities of these wards will be exhausted, and suitable quarters for this type of patient do not seem to be available in other parts of the building. This alone makes the construction of this building highly desirable. In addition, the percentage of infirm patients is constantly increasing, and the space which this building will afford for this type of patient is urgently needed.

Roads, Sidewalks and Landscaping in the Vicinity of the New Hospital Group:

The new hospital group is located on undeveloped land, and until such time as roads, sidewalks and lawns are constructed, access to them will be very difficult. The patients quartered there will have many visitors, due to their condition, and they will be greatly inconvenienced if the adjacent grounds are left in their present condition. This project is too large to be accomplished by patient labor.

Relocation of Farm Units Now Operating at the Main Hospital:

The piggery and the hennery have been located at the main group for many years. The site on which they now stand is entirely too near the new buildings now being erected, and the land available is no longer sufficient to accommodate the herd which it is necessary to maintain in order to supply the institution with pork. An excellent location for these units has been selected at our Borden Colony, and it is proposed to erect new buildings there. This new site is so located that our neighbors will not be offended in any way. The present piggery stands within the zone in which the raising of hogs is prohibited by a city ordinance. A root cellar and greenhouse are also included in this project, the facilities for both of these purposes having long since become inadequate. Vegetables are now stored in buildings occupied by employees, a highly undesirable practice. The old root cellars are located far from the place of consumption, necessitating transportation in the cold months which should be accomplished when the weather is good. To correct this, it is proposed to establish a new root cellar in the vicinity of the storehouse. Our greenhouse was created so many years ago that its maintenance is very expensive, and its capacity quite inadequate. It is also located on the site of the new administration building. It is without question, a part of the garden unit, and it is proposed to build a new greenhouse in the vicinity of the present hennery.

Colony Building for Patients:

The buildings at the Borden Colony are located near the entrance to the colony which is more than half a mile from the site of the proposed piggery and hennery. Patients who work on that part of the farm must walk that distance four times a day. This is a great hardship and should be corrected. In addition, a considerable number of patients will be employed around the piggery and the hennery. The construction of this building will remedy all these difficulties.

Establishment of a New Entrance on Bay Street:

For many years we have had under consideration the establishment of a new entrance on Bay Street which would not only render access to the hospital much easier for the public, but would also serve to eliminate much of the needless traffic which passes through our grounds. This project includes the purchase of real estate, the construction of a bridge across the Mill River and the necessary roads and sidewalks. This is a worthwhile project, and it is believed that the institution would be greatly benefitted by its accomplishments.

EMERGENCY RELIEF ADMINISTRATION

The hospital has cooperated to the best of its ability with the officials of the Taunton Emergency Relief Administration, and as a result, many men have been kept at work most of the year. Much work of lasting effect has been accomplished. A large area of wet land between Thrasher Street and the farm buildings at the Borden Colony was drained by the laying of thousands of feet of cement pipe and the construction of numerous manholes. Many acres of land were cleared and put in condition for cultivation. Much of this work was accomplished in the winter time when conditions were bad, and the clearing of the land mentioned above was made more difficult because of the large stumps of a previous cutting having been left behind. The tools and materials necessary in accomplishing this work were furnished by the Commonwealth.

ACKNOWLEDGMENT

In conclusion, I wish to express my appreciation to the various people who have made donations during the past year, and also to the organizations and societies who have aided in the entertainment of our patients.

I am extremely grateful to the members of your Board for their unfailing interest and advice.

To all the employees, I wish to express my appreciation for the part they have played in accomplishing this year's work.

Respectfully submitted,

RALPH M. CHAMBERS, M. D.,

Superintendent.

VALUATION

November 30, 1935
REAL ESTATE

Land, 467.956 acres	\$62,075.00
Buildings and Betterments	1,458,597.54
	<hr/> \$1,520,672.54

PERSONAL PROPERTY

Travel, transportation and office expenses	\$4,973.11
Food	9,063.83
Clothing and materials	23,128.47
Furnishings and household supplies	130,393.12
Medical and general care	15,893.07
Heat and other plant operation	5,814.31
Farm	45,599.84
Garage and grounds	6,378.65
Repairs	14,507.33
	<hr/> \$255,751.73

SUMMARY

Real estate	\$1,520,672.54
Personal property	255,751.73
	<hr/> \$1,776,424.27

FINANCIAL STATEMENT

To the Department of Mental Diseases:

I respectfully submit the following report of the finances of this institution for the fiscal year ending November 30, 1935.

STATEMENT OF EARNINGS

Board of patients	\$49,335.14
Personal Services:	
Reimbursement from Board of Retirement	175.00
Salaries:	
Travel, transportation and office expenses	\$29.96
Food	254.45
Clothing and materials	41.41

Furnishings and household supplies	3.60	
Medical and general care	1.30	
Heat and other plant operations	1.00	
Garage and grounds	-	
Repairs ordinary	75.26	
Repairs and renewals	-	
Arts and crafts sales	-	
Miscellaneous — Junk	-	
Farm	174.64	
Total sales		536.6
Miscellaneous:		
Interest on bank balances	\$114.68	
Rents	1,309.50	
Board of employees	270.00	
Miscellaneous	5.88	
Total miscellaneous		\$1,700.00
Total earnings for the year		\$51,796.8
Total cash receipts reverting and transferred to the State Treasurer		\$51,796.8
MAINTENANCE APPROPRIATION		
Balance from previous year, brought forward		\$10,634.37
Appropriation, current year:		
Chapter 249, Acts of 1935	\$551,730.00	
Chapter 497, Acts of 1935	24,120.00	
		575,850.00
Total		\$586,484.37
Expenditures as Follows:		
1. Personal services	\$311,168.24	
2. Food	95,320.78	
3. Medical and general care	10,232.15	
4. Religious instruction	2,100.00	
5. Farm	28,393.67	
6. Heat and other plant operation	45,311.92	
7. Travel, transportation and office expenses	6,077.63	
8. Garage and grounds	4,568.11	
9. Clothing and materials	10,600.71	
10. Furnishings and household supplies	23,634.97	
11. Repairs ordinary	11,948.18	
12. Repairs and renewals	19,727.18	
Total maintenance expenditures		562,445.54
Balance of Maintenance Appropriation, Nov. 30, 1935		24,040.63
		\$585,484.37
SPECIAL APPROPRIATIONS		
Balance December 1, 1934, brought forward		\$973,301.31
Appropriations for current year		189,400.00
Total		\$1,162,701.31
Expended during the year (see statement below)	\$330,524.69	
Reverting to Treasury of Commonwealth	234.36	
		330,759.05
Balance November 30, 1935 carried to next year		\$831,942.26

APPROPRIATION	Act or Resolve Ch. — Yr.	Total Amount Appropriated	Expended during fiscal year	Total Expended to to date	Balance at end of year
Superintendent's House Construction	115-1930				
Superintendent's House Furnishings	170-1932	\$19,500.00	\$2,069.65	\$19,313.02	\$186.98
Mass. State Project M-47 PWA Docket 4477 — Hospital Building, Infirmary, etc.	115-1930				
	170-1932	1,500.00	98.00	1,452.62	47.38
Mass. State Project M-46 PWA Docket 5440 Sprinklers		1,046,000.00	311,512.83	311,821.82	734,178.18
Mass. State Project M-106, PWA Docket 1148		21,000.00	13,383.64	14,175.35	6,324.65
Laundry Equipment	249-1935	84,900.00	105.75	105.75	84,794.25
Purchase of Land	6,100.00	-	-	-	6,100.00
Purchase of Staples Property	249-1935	300.00	277.41	277.41	22.59
	249-1935	3,100.00	3,077.41	3,077.41	22.59

PER CAPITA

During the year the average number of patients has been 1,603.
 Total cost of maintenance \$562,443.54
 Equal to a weekly per capita cost of (52 weeks to year) \$6.7475
 Total receipts for the year \$51,796.82
 Equal to a weekly per capita of \$.6214.
 Total net cost of maintenance for year \$510,646.72
 Net weekly per capita \$6.1261.

Respectfully submitted,

YVONNE B. PATERNAUDE,

Treasurer.

STATISTICAL TABLES

AS ADOPTED BY THE AMERICAN PSYCHIATRIC ASSOCIATION PRESCRIBED BY THE
 MASSACHUSETTS DEPARTMENT OF MENTAL DISEASES

TABLE 1. *General Informtaion*

(Data correct at end of institution year November 30, 1935)

Date of opening as a hospital for mental diseases, 1854.

Type of hospital: State.

Hospital plant:

Value of hospital property:

Real estate, including buildings	\$1,520,672.54
Personal property	255,751.73

Total	\$1,776,424.27
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Total acreage of hospital property owned, 467.956.

Total acreage under cultivation during previous year, 169.

Officers and employees:

	Actually in Service at End of Year			Vacancies at End of Year		
	M.	F.	T.	M.	F.	T.
Superintendents	1	-	1	-	-	-
Assitant physicians	8	1	9	-	-	-
Total physicians	9	1	10	-	-	-
Stewards	1	-	1	-	-	-
Resident dentists	1	-	1	-	-	-
Pharmacists	-	1	1	-	-	-
Graduate nurses	5	30	35	-	-	-
Other nurses and attendants	110	97	207	3	4	7
Occupational therapists	-	5	5	-	-	-
Social workers	-	3	3	-	1	-
All other officers and employees	75	63	138	-	6	6
Total officers and employees	201	200	401	3	10	13

Classification by Diagnosis September 30, 1935

Census of Patient Population at end of year

	Actually in Hospital			Absent from Hospital but still on Books		
	M.	F.	T.	M.	F.	T.
WHITE						
Insane	799	802	1,601	79	100	179
Alcoholics	1	-	1	-	-	-
Total	800	802	1,602	79	100	179
OTHER RACES:						
Insane	21	18	39	7	5	12
Total	21	18	39	7	5	12
Grand Total	821	820	1,641	86	105	191

	M.	F.	T.
Patients under treatment in occupational-therapy classes, including physical training, on date of report	102	150	252
Other patients employed in general work of hospital on date of report	379	325	704
Average daily number of all patients actually in hospital during year	794	802	1,597
Voluntary patients admitted during year	1	7	8
Persons given advice or treatment in out-patient clinics during year	217	182	399

TABLE 2. Movement of Patient Population for the Year Ended September 30, 1935

	TOTAL			REGULAR COURT COMMITMENT (INSANE)			OBSERVATION			TEMPORARY CARE			VOLUNTARY		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Patients on books of institution September 30, 1934															
Admissions during year:															
First admissions	863	876	1,739	850	870	1,720	7	1	8	1	1	2	5	4	9
Readmissions	242	202	444	182	171	353	33	17	50	27	10	37	-	4	4
Total admissions	67	54	121	45	45	90	12	3	15	9	3	12	1	3	4
Transfers from other mental hospitals	309	256	565	227	216	443	45	20	65	36	13	49	1	7	8
Total received during year	6	5	11	6	5	11	-	-	-	-	-	-	-	-	-
Total on books during year	315	261	576	233	221	454	45	20	65	36	13	49	1	7	8
Discharged from books during year:	1,178	1,137	2,315	1,083	1,091	2,174	52	21	73	37	14	51	6	11	17
As recovered	42	29	71	13	21	34	1	5	6	12	1	13	2	1	3
As improved	60	57	117	47	43	90	6	3	9	6	7	13	1	4	5
As unimproved	5	11	16	4	10	14	-	1	1	1	-	1	-	-	-
As without psychosis	32	12	44	3	1	4	16	6	22	11	3	14	2	2	4
Total discharged to community	139	109	248	67	75	142	37	16	53	30	11	41	5	7	12
Transferred to other mental hospitals	22	21	43	22	21	43	-	3	15	5	3	8	-	-	-
Died during year	110	82	192	93	76	169	12	3	15	5	3	8	-	-	-
Total discharged, transferred and died during year	271	212	483	182	172	354	49	19	68	35	14	49	5	7	12
Patients remaining on books of hospital at end of year:															
In hospital	821	820	1,641	816	816	1,632	2	2	4	2	-	2	1	2	3
On parole or otherwise absent	86	105	191	86	103	189	-	-	-	-	-	-	-	2	2
Total	907	925	1,832	902	919	1,821	2	2	4	2	-	2	1	4	5

SUPPLEMENTARY DATA

	F.	T.	M.	F.	T.
Average daily number of patients on books during year	904.34	1,781.29	876.95	876.95	1,781.29
Actually in institution during year	802.88	1,597.70	794.82	794.82	1,597.70
In family care	2.05	2.05	-	-	2.05
On visit	99.40	177.99	78.59	78.59	177.99
On escape	-	3.53	3.53	3.53	3.53
Number of patients actually remaining in institution September 30, 1935:					
State	712	1,493	781	781	1,493
Reimbursing	108	148	40	40	148
Number of patients in family care September 30, 1935:					
Private	3	3	-	-	3
Number of non-insane patients in hospital at end of institution year:					
Others	-	1	1	1	1

NOTE: — The total males in the Observation and Insane groups will not balance through September 30, 1935 owing to the fact that one male had a C.L.S. during the year from Obs. 100 to R. C. 100.

TABLE 3. *Nativity of First Admissions and of Parents of First Admission*

NATIVITY	PATIENTS			PARENTS OF MALE PATIENTS			PARENTS OF FEMALE PATIENTS		
	M.	F.	T.	Fathers	Mothers	Both Parents	Fathers	Mothers	Both Parents
United States ¹	115	102	217	57	55	48	60	56	48
Austria	1	1	2	1	1	1	—	1	—
Canada ²	13	22	35	21	21	18	26	21	18
Denmark	—	—	—	1	1	1	—	—	—
England	6	8	14	15	10	9	14	13	9
Ireland	—	1	1	2	1	1	2	4	4
France	1	—	1	1	1	1	—	—	—
Germany	5	3	8	5	6	5	3	4	3
Holland	—	—	—	—	—	—	1	—	—
Iceland	5	9	14	17	20	15	23	24	22
Italy	4	2	6	6	6	6	3	3	3
Slo-Slavia	—	1	1	—	—	—	1	1	1
Norway	—	—	—	—	—	—	1	—	—
Poland	2	4	6	4	3	3	3	2	2
Portugal	23	14	37	33	33	31	17	17	17
Scotland	2	2	4	2	3	2	2	3	2
South America	—	—	—	1	—	—	—	—	—
Sweden	3	2	5	4	4	4	3	5	3
Switzerland	—	—	—	—	—	—	—	1	—
West Indies ³	—	—	—	—	—	—	1	—	—
Other Countries	2	—	2	2	2	2	—	—	—
Unknown	—	—	—	10	15	9	11	16	9
Total	182	171	353	182	182	156	171	171	141

¹Persons born in Hawaii, Porto Rico and the Virgin Islands should be recorded as born in the U. S.²Includes Newfoundland.³Except Cuba, Porto Rico and Virgin Islands.

TABLE 4. Age of First Admissions Classified with Reference to Nativity, and Length of Residence in the United States of the Foreign Born

AGE AT ADMISSION	NATIVE BORN				FOREIGN BORN																												
	Aggregate		Total	PARENTAGE			Total	TIME IN UNITED STATES BEFORE ADMISSION																									
	M.	F.		T.	Native	Foreign		Mixed	Unkown	5-9 years	10-14 years	15 years and over	Unknown																				
														M.	F.	T.																	
0-14 years	1	1	2	—	1	1	—	—	—	—	—	—	—	—	—																		
15-19 years	11	7	18	2	8	3	—	—	—	—	—	—	—	—	—																		
20-24 years	19	7	26	4	3	3	1	1	1	1	1	1	1	1	2																		
25-29 years	9	14	23	3	3	6	—	—	—	—	—	—	—	—	—																		
30-34 years	14	10	24	4	3	7	1	2	2	2	2	2	2	2	2																		
35-39 years	15	17	32	4	3	7	1	2	2	2	2	2	2	2	2																		
40-44 years	18	16	34	1	5	6	2	2	2	2	2	2	2	2	2																		
45-49 years	13	13	26	2	4	6	6	2	8	7	7	7	7	7	7																		
50-54 years	17	21	38	2	5	7	—	—	—	—	—	—	—	—	—																		
55-59 years	12	14	26	8	7	15	2	1	1	1	1	1	1	1	1																		
60-64 years	12	8	20	1	3	4	1	3	4	3	3	3	3	3	3																		
65-69 years	16	9	25	5	1	6	1	1	1	1	1	1	1	1	1																		
70-74 years	8	12	20	4	5	9	2	1	3	3	3	3	3	3	3																		
75-79 years	8	15	23	2	1	3	2	2	2	2	2	2	2	2	2																		
80-84 years	6	3	9	2	3	5	1	1	1	1	1	1	1	1	1																		
85 years and over	3	4	7	1	3	4	—	—	—	—	—	—	—	—	—																		
Total	182	171	353	115	102	217	48	48	96	42	25	67	21	23	44	4	6	10	67	69	136	2	—	2	2	4	6	62	64	126	1	1	2

TABLE 5. *Citizenship of First Admissions*

	Males	Females	Total ¹
Citizens by birth	115	102	217
Citizens by naturalization	22	31	53
Citizens	34	25	59
Citizenship unknown	11	13	24
Total	182	171	353

TABLE 6. *Race of First Admissions Classified with Reference to Principal Psychoses*

RACE	Total			With syphilitic meningo-encephalitis			With other forms of syphilis			With epidemic encephalitis			With other infectious diseases		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
African (black)	6	3	9	1	—	1	—	—	—	—	—	—	1	—	1
Armenian	1	1	2	1	—	1	—	—	—	—	—	—	—	—	—
English	50	46	96	6	2	8	—	—	—	—	—	—	—	—	—
Finnish	1	4	5	—	—	—	—	—	—	—	—	—	—	—	—
French	16	22	38	—	2	2	1	—	1	—	—	—	—	1	1
German	5	3	8	2	—	2	—	—	—	—	—	—	—	—	—
Hebrew	—	2	2	—	—	—	—	—	—	—	—	—	—	—	—
Irish	18	28	46	2	—	2	—	—	—	—	—	—	—	1	1
Italian ¹	6	3	9	1	—	1	—	—	—	—	—	—	—	—	—
Portuguese	35	18	53	7	1	8	1	—	1	1	—	1	—	—	—
Scandinavian ²	5	3	8	—	—	—	—	—	—	—	—	—	—	—	—
Scottish	2	2	4	—	—	—	—	—	—	—	—	—	—	—	—
Slavonic ³	4	4	8	—	—	—	—	—	—	—	—	—	—	—	—
Unfixed	29	28	57	4	—	4	—	—	—	—	—	—	—	—	—
Race unknown	4	4	8	—	—	—	—	—	—	—	1	1	—	—	—
Total	182	171	353	24	5	29	2	—	2	1	1	2	1	2	3

TABLE 6. *Race of First Admissions Classified with Reference to Principal Psychoses — Continued*

RACE	Alcoholic psychoses			Traumatic psychoses			With cerebral arterio-sclerosis			With other disturbances of circulation			With convulsive disorders (epilepsy)			Senile psychoses		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
African (black)	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Armenian	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
English	3	—	3	1	—	1	13	13	26	—	1	1	2	—	2	6	6	12
Finnish	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
French	4	—	4	—	—	—	1	3	4	1	—	1	1	—	1	2	—	2
German	—	—	—	—	—	—	1	—	1	—	—	—	—	—	—	1	—	1
Hebrew	—	—	—	—	—	—	—	1	1	—	—	—	—	—	—	—	1	1
Irish	1	2	3	—	—	—	7	10	17	—	—	—	—	1	1	1	2	3
Italian ¹	2	—	2	—	—	—	—	—	—	1	—	1	—	—	—	—	1	1
Portuguese	4	—	4	—	—	—	4	—	4	—	—	—	3	—	3	—	3	3
Scandinavian ²	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Scottish	—	—	—	—	—	—	1	—	1	—	—	—	—	—	—	1	1	2
Slavonic ³	2	1	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unfixed	4	1	5	—	—	—	4	3	7	1	—	1	1	—	1	1	3	4
Race unknown	1	—	1	—	—	—	—	1	1	—	—	—	—	—	—	2	1	3
Total	22	4	26	1	—	1	31	31	62	3	1	4	7	1	8	14	18	32

¹Includes "North" and "South".²Norwegians, Danes and Swedes.³Includes Bohemian, Bosnian, Croatian, Dalmatian, Herzegovinian, Montenegrin, Moravian, Polish, Russian, Ruthenian, Servian, Slovak, Slovenian.

TABLE 6. *Race of First Admissions Classified with Reference to Principal Psychoses — Continued*

RACE	Involutional psychoses			Due to other metabolic diseases, etc.			Due to new growth			With organic changes of nervous system			Psycho-neuroses			Manic-depressive psychoses		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
African (black)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1
Armenian	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1
English	3	5	8	—	1	1	1	—	1	1	1	2	—	—	—	4	6	10
Finnish	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
French	—	8	8	—	1	1	—	—	—	—	—	—	—	1	1	1	2	3
German	—	3	3	—	—	—	—	—	—	—	—	—	1	—	1	—	—	—
Hebrew	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Irish	1	4	5	—	—	—	—	—	—	—	—	—	—	—	—	1	—	1
Italian ¹	—	—	—	—	—	—	—	—	—	1	—	1	—	—	—	—	1	1
Portuguese	1	4	5	—	1	1	—	—	—	—	—	—	—	—	—	1	2	3
Scandinavian ²	1	1	2	—	—	—	—	—	—	—	—	—	—	—	—	1	1	2
Scotch	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1	—	—	—
Slavonic ³	—	2	2	—	—	—	—	—	—	—	—	—	—	1	1	—	—	—
Mixed	—	2	2	—	—	—	—	—	—	—	—	—	—	1	1	—	8	8
Race unknown	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1	—	—	—
Total	6	29	35	—	3	3	1	—	1	2	1	3	1	5	6	8	22	30

TABLE 6. *Race of First Admissions Classified with Reference to Principal Psychoses — Concluded*

RACE	Dementia praecox			Paranoia and paranoid conditions			With psychopathic personality			With mental deficiency			Without psychoses		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
African (black)	3	2	5	—	—	—	—	—	—	—	—	—	—	—	—
Armenian	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
English	7	8	15	—	2	2	—	—	—	3	1	4	—	—	—
Finnish	1	2	3	—	—	—	—	1	1	—	1	1	—	—	—
French	4	3	7	—	—	—	—	—	—	1	1	2	—	—	—
German	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hebrew	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Irish	4	4	8	—	1	1	—	—	—	1	3	4	—	—	—
Italian ¹	1	—	1	—	—	—	—	—	—	—	—	—	—	1	1
Portuguese	8	6	14	1	1	2	1	—	1	3	—	3	—	—	—
Scandinavian ²	1	1	2	1	—	1	—	—	—	1	—	1	—	—	—
Scotch	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Slavonic ³	2	—	2	—	—	—	—	—	—	—	—	—	—	—	—
Mixed	12	7	19	—	1	1	—	—	—	2	2	4	—	—	—
Race unknown	—	—	—	—	—	—	—	—	—	1	—	1	—	—	—
Total	43	33	76	2	5	7	1	1	2	12	8	20	—	1	1

¹Includes "North" and "South"
²Norwegians, Danes and Swedes.
³Includes Bohemian, Bosnian, Croatian, Dalmatian, Herzegovinian, Montenegrin, Moravian, Polish Russian, Ruthenian, Servian, Slovak, Slovenian.

TABLE 7. *Age of First Admissions Classified with Reference to Principal Psychoses*

PSYCHOSES	Total			0-14 years			15-19 years			20-24 years			25-29 years		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With syphilitic meningo- encephalitis	24	5	29	-	-	-	-	-	-	1	-	1	1	1	2
With other forms of syphilis	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-
With epidemic encephalitis	1	1	2	-	-	-	1	-	1	-	-	-	-	-	-
With other infectious diseases	1	2	3	-	-	-	-	-	-	-	-	-	-	-	-
Alcoholic psychoses	22	4	26	-	-	-	-	-	-	-	-	-	-	-	-
Traumatic psychoses	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
With cerebral arteriosclerosis	31	31	62	-	-	-	-	-	-	-	-	-	-	-	-
With other disturbances of circulation	3	1	4	-	-	-	-	-	-	-	-	-	-	-	-
With convulsive disorders (epilepsy)	7	1	8	1	-	1	1	-	1	-	-	-	1	-	1
Senile psychoses	14	18	32	-	-	-	-	-	-	-	-	-	-	-	-
Involuntary psychoses	6	29	35	-	-	-	-	-	-	-	-	-	-	-	-
Due to other metabolic dis- eases, etc.	-	3	3	-	-	-	-	-	-	-	1	1	-	1	1
Due to new growth	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
With organic changes of nervous system	2	1	3	-	-	-	-	-	-	-	-	-	-	-	-
Psychoneuroses	1	5	6	-	-	-	-	-	-	-	-	-	-	1	1
Manic-depressive psychoses	8	22	30	-	-	-	-	2	2	1	1	2	-	6	6
Dementia praecox	43	33	76	-	1	1	6	5	11	15	4	19	6	2	8
Paranoia and paranoid con- ditions	2	5	7	-	-	-	-	-	-	-	-	-	-	-	-
With psychopathic person- ality	1	1	2	-	-	-	1	-	1	-	-	-	-	1	1
With mental deficiency	12	8	20	-	-	-	2	-	2	2	-	2	1	2	3
Without psychoses	-	1	1	-	-	-	-	-	-	-	1	1	-	-	-
Total	182	171	353	1	1	2	11	7	18	19	7	26	9	14	23

TABLE 7. *Age of First Admissions Classified with Reference to Principal Psychoses — Continued*

PSYCHOSES	30-34 years			35-39 years			40-44 years			45-49 years			50-54 years			55-59 years		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encepha- litis	3	-	3	5	1	6	4	1	5	4	-	4	2	2	4	2	-	2
With other forms of syphilis	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	1	-	1
With epidemic encephalitis	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
With other infectious diseases	-	1	1	1	-	1	-	1	1	-	-	-	-	-	-	-	-	-
Alcoholic psychoses	1	-	1	4	-	4	4	1	5	3	3	6	3	-	3	4	-	4
Traumatic psychoses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
With cerebral arteriosclerosis	-	1	1	-	-	-	-	-	-	1	-	1	3	-	3	-	3	3
With other disturbances of cir- culation	1	-	1	-	-	-	-	-	-	-	-	-	-	1	1	1	-	1
With convulsive disorders (epil.)	-	-	-	1	1	2	2	-	2	-	-	-	1	-	1	-	-	-
Senile psychoses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Involuntary psychoses	-	-	-	-	1	1	-	4	4	2	7	9	2	10	12	1	6	7
Due to other metabolic diseases, etc.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Due to new growth	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1
With organic changes of nervous system	-	-	-	-	1	1	1	-	1	-	-	-	-	-	-	-	-	-
Psychoneuroses	-	1	1	-	1	1	-	1	1	-	-	-	-	-	-	-	-	-
Manic-depressive psychoses	1	3	4	-	4	4	3	3	6	1	1	2	-	2	2	1	-	1
Dementia praecox	5	2	7	3	6	9	3	3	6	1	2	3	4	3	7	-	3	3
Paranoia and paranoid conditions	-	-	-	-	-	-	1	2	3	-	-	-	-	2	2	-	-	-
With psychopathic personality	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
With mental deficiency	3	1	4	1	2	3	-	-	-	1	-	1	1	1	2	1	2	3
Without psychoses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	14	10	24	15	17	32	18	16	34	13	13	26	17	21	38	12	14	26

TABLE 7. Age of First Admissions Classified with Reference to Principal Psychoses — Concluded

PSYCHOSES	60-64 years			65-69 years			70-74 years			75-79 years			80-84 years			85 years and over		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encephalitis	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
With other forms of syphilis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
With epidemic encephalitis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
With other infectious diseases	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Alcoholic psychoses	1	-	1	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-
Traumatic psychoses	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
With cerebral arteriosclerosis	4	3	7	10	5	15	7	9	16	2	8	10	2	-	2	2	2	4
With other disturbances of circulation	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
With convulsive disorders (epilepsy)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Senile psychoses	-	1	1	2	2	4	1	3	4	6	7	13	4	3	7	1	2	3
Involucional psychoses	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Due to other metabolic diseases etc.	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Due to new growth	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
With organic changes of nervous system	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Psychoneuroses	-	1	1	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Manic-depressive psychoses	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dementia praecox	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-	-	-	-
Paranoia and paranoid conditions	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
With psychopathic personality	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
With mental deficiency	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Without psychoses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	12	8	20	16	9	25	8	12	20	8	15	23	6	3	9	3	4	7

TABLE 10. *Economic Condition of First Admissions Classified with Reference to Principal Psychoses*

PSYCHOSES	Total			Dependent			Marginal			Comfortable			Unknown		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encephalitis	24	5	29	11	2	13	13	3	16	-	-	-	-	-	-
With other forms of syphilis	2	-	2	-	-	-	2	-	2	-	-	-	-	-	-
With epidemic encephalitis	1	1	2	1	-	1	-	1	1	-	-	-	-	-	-
With other infectious diseases	1	2	3	-	-	-	1	2	3	-	-	-	-	-	-
Alcoholic psychoses	22	4	26	-	1	1	13	3	16	9	-	9	-	-	-
Traumatic psychoses	1	-	1	-	-	-	1	-	1	-	-	-	-	-	-
With cerebral arteriosclerosis	31	31	62	25	21	46	5	9	14	1	1	2	-	-	-
With other disturbances of circulation	3	1	4	3	-	3	-	1	1	-	-	-	-	-	-
With convulsive disorders (epilepsy)	7	1	8	5	1	6	2	-	2	-	-	-	-	-	-
Senile psychoses	14	18	32	9	13	22	5	4	9	-	-	-	-	1	1
Involuntary psychoses	6	29	35	1	8	9	4	17	21	1	4	5	-	-	-
Due to other metabolic diseases, etc.	-	3	3	-	2	2	-	1	1	-	-	-	-	-	-
Due to new growth	1	-	1	-	-	-	-	-	-	1	-	1	-	-	-
With organic changes of nervous system	2	1	3	-	-	-	2	1	3	-	-	-	-	-	-
Psychoneuroses	1	5	6	-	1	1	1	4	5	-	-	-	-	-	-
Manic-depressive psychoses	8	22	30	4	4	8	3	17	20	1	1	2	-	-	-
Dementia praecox	43	33	76	20	14	34	23	18	41	-	-	-	-	1	1
Paranoia and paranoid conditions	2	5	7	1	2	3	-	2	2	1	1	2	-	-	-
With psychopathic personality	1	1	2	-	-	-	1	1	2	-	-	-	-	-	-
With mental deficiency	12	8	20	9	5	14	3	3	6	-	-	-	-	-	-
Without psychoses	-	1	1	-	1	1	-	-	-	-	-	-	-	-	-
Total	182	171	353	89	75	164	79	87	166	14	7	21	-	2	

TABLE 11. *Use of Alcohol by First Admissions Classified with Reference to Principal Psychoses*

PSYCHOSES	Total			Abstinent			Temperate			Intemperate			Unknown		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encephalitis	24	5	29	4	4	8	12	1	13	8	-	8	-	-	-
With other forms of syphilis	2	-	2	2	-	2	-	-	-	-	-	-	-	-	-
With epidemic encephalitis	1	1	2	-	1	1	1	-	1	-	-	-	-	-	-
With other infectious diseases	1	2	3	1	2	3	-	-	-	-	-	-	-	-	-
Alcoholic psychoses	22	4	26	-	-	-	-	-	-	22	4	26	-	-	-
Traumatic psychoses	1	-	1	1	-	1	-	-	-	-	-	-	-	-	-
With cerebral arteriosclerosis	31	31	62	14	26	40	11	4	15	5	-	5	1	1	2
With other disturbances of circulation	3	1	4	1	1	2	-	-	-	1	-	1	1	-	1
With convulsive disorders (epilepsy)	7	1	8	4	1	5	2	-	2	1	-	1	-	-	-
Senile psychoses	14	18	32	6	12	18	4	6	10	3	-	3	1	-	1
Involuntary psychoses	6	29	35	-	23	23	5	6	11	1	-	1	-	-	-
Due to other metabolic diseases, etc.	-	3	3	-	1	1	-	1	1	-	-	-	-	1	1
Due to new growth	1	-	1	-	-	-	-	-	-	1	-	1	-	-	-
With organic changes of nervous system	2	1	3	1	1	2	1	-	1	-	-	-	-	-	-
Psychoneuroses	1	5	6	-	2	2	-	2	2	1	1	2	-	-	-
Manic-depressive psychoses	8	22	30	3	14	17	4	8	12	1	-	1	-	-	-
Dementia praecox	43	33	76	23	31	54	15	1	16	3	-	3	2	1	3
Paranoia and paranoid conditions	2	5	7	1	5	6	1	-	1	-	-	-	-	-	-
With psychopathic personality	1	1	2	1	-	1	-	-	-	-	-	-	-	1	1
With mental deficiency	12	8	20	8	6	14	3	-	3	1	2	3	-	-	-
Without psychoses	-	1	1	-	-	-	-	1	1	-	-	-	-	-	-
Total	182	171	353	70	130	200	59	30	89	48	7	55	5	4	9

TABLE 12. Marital Condition of First Admissions Classified with Reference to Principal Psychoses

PSYCHOSES	Total			Single			Married			Widowed			Divorced			Separated			Unknown		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.			
With syphilitic meningo-encephalitis	24	5	29	9	-	9	10	3	13	4	1	5	1	1	2	-	-	-	-	-	
With other forms of syphilis	2	-	2	-	-	-	2	-	2	-	-	-	-	-	-	-	-	-	-	-	
With epidemic encephalitis	1	1	2	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
With other infectious diseases	1	2	3	1	1	2	12	2	14	-	-	2	2	1	3	2	1	3	1	1	
Alcoholic psychoses	22	4	26	3	-	3	1	-	1	-	-	-	-	-	-	-	-	-	-	-	
Traumatic psychoses	1	-	1	-	-	-	17	6	23	11	17	28	-	-	-	-	-	-	-	-	
With cerebral arteriosclerosis	31	31	62	2	6	8	1	-	1	2	-	2	-	-	-	-	-	-	-	-	
With other disturbances of circulation	3	1	4	1	-	1	-	2	2	-	-	-	-	-	-	-	-	-	-	-	
With convulsive disorders (epilepsy)	7	1	8	5	1	6	4	3	1	4	10	13	23	1	1	1	-	1	-	-	
Senile psychoses	14	18	32	-	4	4	4	18	22	-	4	4	-	-	-	-	-	-	-	-	
Involutional psychoses	6	29	35	2	6	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Due to other metabolic diseases, etc.	-	3	3	-	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Due to new growth	1	-	1	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	
With organic changes of nervous system	2	1	3	-	-	-	2	1	3	-	-	-	-	-	-	-	-	-	-	-	
Psychoneuroses	1	5	6	-	1	1	1	3	4	-	1	1	-	-	-	-	-	-	-	-	
Manic-depressive psychoses	8	22	30	3	8	11	4	13	17	-	1	1	-	-	-	-	-	-	1	1	
Dementia praecox	43	33	76	37	18	55	6	13	19	-	2	2	-	-	-	-	-	-	-	-	
Paranoia and paranoid conditions	2	5	7	-	1	1	2	3	5	-	1	1	-	-	-	-	-	-	-	-	
With psychopathic personality	1	1	2	1	-	1	-	1	1	-	-	-	-	-	-	-	-	-	-	-	
With mental deficiency	12	8	20	11	5	16	-	3	3	1	-	1	-	-	-	-	-	-	-	-	
Without psychoses	-	1	1	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Total	182	171	353	76	55	131	67	69	136	30	40	70	3	5	8	4	2	6	2	-	2

TABLE 13. *Mental Disorders of All Admissions, All Discharges, All Deaths, 1935, All Cases in Residence and All Cases Out on September 30, 1935, by Status of Admission and Sex — Concluded*

MENTAL DISORDERS	ALL ADMISSIONS				ALL DISCHARGES				ALL DEATHS				RESIDENT POPULATION				PATIENTS OUT ON VISIT ETC				
	First Admissions		Read-missions		First Admissions		Read-missions		First Admissions		Read-missions		First Admissions		Read-missions		First Admissions		Read-missions		
	M. F. T.	M. F. T.	M. F. T.	M. F. T.	M. F. T.	M. F. T.	M. F. T.	M. F. T.	M. F. T.	M. F. T.	M. F. T.	M. F. T.	M. F. T.	M. F. T.	M. F. T.	M. F. T.	M. F. T.	M. F. T.	M. F. T.		
<i>Psychoses Due to Convulsive Disorders (Epilepsy):</i>																					
Epileptic deterioration . . .	1	2	3	3	—	3	1	—	1	—	1	—	1	—	1	—	—	—	1	—	1
Epileptic clouded states . . .	7	—	7	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
<i>Psychoses Due to Disturbances of Metabolism, Growth, Nutrition or Endocrine Function:</i>																					
Senile psychoses:																					
Simple deterioration . . .	10	15	25	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Presbyophrenic type . . .	1	1	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Delirious and confused types . . .	1	1	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Depressed and agitated types . . .	2	—	2	—	1	1	—	—	1	2	3	—	—	—	2	2	—	—	—	—	
Paranoid types . . .	1	3	4	—	—	2	2	—	4	5	9	—	—	—	3	3	—	—	—	—	
<i>Involutional psychoses:</i>																					
Melancholia . . .	6	20	26	—	1	1	16	—	2	2	4	—	—	—	5	10	15	3	10	13	
Paranoid types . . .	—	7	7	—	1	1	—	—	—	—	—	—	—	—	2	2	2	2	2	2	
Other types . . .	—	4	4	—	—	—	—	—	—	—	—	—	—	—	1	—	1	—	—	—	
<i>With diseases of the endocrine glands:</i>																					
Exhaustion delirium . . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1	—	
Alzheimer's disease . . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
With other somatic diseases . . .	1	3	4	1	—	1	1	—	1	—	1	—	—	—	—	—	—	1	1	2	
<i>Psychoses Due to New Growth:</i>																					
With intracranial neoplasms . . .	1	—	1	—	—	—	—	—	1	—	1	—	—	—	—	—	—	—	—	—	
With other neoplasms . . .	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
<i>Psychoses Due to Unknown or Hereditary Causes but Associated with Organic Changes:</i>																					
With multiple sclerosis . . .	—	—	—	—	1	1	—	—	1	—	1	—	—	—	—	—	—	—	—	—	
With paralysis agitans . . .	2	—	2	—	—	—	—	—	2	—	2	—	—	—	—	—	—	—	—	—	
With Huntington's chorea . . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
<i>With other brain or nervous diseases:</i>																					
With other brain or nervous diseases . . .	—	1	1	—	—	—	—	—	—	—	—	—	1	1	—	—	—	1	1	—	
<i>Disorders of Psychogenic Origin or Without Clearly Defined Tangible Cause or Structural Change:</i>																					
Psychonuroses:	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Anxiety hysteria . . .	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Conversion hysteria: . . .	—	—	—	—	—	—	2	2	—	—	—	—	—	—	—	—	—	—	—	—	
Amnesic type . . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	

TABLE 14. *Discharges of Patients Classified with Reference to Principal Psychoses and Condition on Discharge*

PSYCHOSES	Total			Recovered			Improved			Unimproved	
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.
With syphilitic meningo-encephalitis	9	6	15	—	—	—	8	6	14	1	—
With epidemic encephalitis	—	1	1	—	—	—	—	1	1	—	—
Alcoholic psychoses	7	2	9	6	1	7	1	1	2	—	—
With cerebral arteriosclerosis	9	5	14	1	—	1	8	5	13	—	—
With convulsive disorders (epilepsy)	1	—	1	—	—	—	1	—	1	—	—
Senile psychoses	—	3	3	—	—	—	—	2	2	—	1
Involuntary psychoses	3	12	15	—	4	4	2	7	9	1	1
With organic changes of nervous system	—	1	1	—	—	—	—	1	1	—	—
Psychoneuroses	3	7	10	—	3	3	3	3	6	—	1
Manic-depressive psychoses	5	15	20	3	10	13	2	2	4	—	3
Dementia praecox	21	16	37	1	3	4	19	10	29	1	3
Paranoia and paranoid conditions	2	5	7	—	—	—	2	5	7	—	—
With mental deficiency	4	1	5	2	—	2	1	—	1	1	1
Without psychoses	3	1	4	—	—	—	—	—	—	—	—
Total	67	75	142	13	21	34	47	43	90	4	10

TABLE 15. *Hospital Residence during This Admission of Court First Admissions Discharged during 1935*

PSYCHOSES	Number			Average Net Hospital Residence in Years		
	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encephalitis	5	6	11	1.11	.77	.9
With epidemic encephalitis	—	1	1	—	.04	.0
Alcoholic psychoses	5	2	7	.48	.24	.4
With cerebral arteriosclerosis	7	4	11	.28	.81	.4
Senile psychoses	—	3	3	—	4.33	4.3
Involuntary psychoses	3	11	14	2.80	.91	1.3
With organic changes of nervous system	—	1	1	—	.54	.5
Psychoneuroses	3	6	9	1.57	.78	1.0
Manic-depressive psychoses	1	7	8	1.50	.97	1.0
Dementia praecox	15	13	28	1.07	1.15	1.1
Paranoia and paranoid conditions	1	2	3	.62	.29	.4
With mental deficiency	4	—	4	4.04	—	4.0
Without psychoses	3	—	3	.23	—	.2
Total	47	56	103	1.23	1.05	1.1

TABLE 16. — Causes of Death of Patients Classified with Reference to Principle Mental Disorders

CAUSES OF DEATH	Total			With syphilitic meningoenzephalitis			With other forms of syphilis			With other infectious diseases			Alcoholic psychoses			Traumatic psychoses			With cerebral arterio-sclerosis			With other disturbances of circulation		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
<i>Infectious and Parasitic Diseases:</i>																								
Erysipelas	—	2	2	—	—	—	—	—	—	—	—	—	—	1	1	—	—	—	—	—	—	—	—	—
Tuberculosis of the respiratory system	2	3	5	—	—	—	—	—	—	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—
Syphilis (non-nervous forms)	—	1	1	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
<i>Cancer and Other Tumors:</i>																								
Cancer and other malignant tumors	3	2	5	—	—	—	—	—	—	—	—	—	1	—	1	—	—	—	—	—	—	—	—	—
Tumor (non-cancerous)	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
<i>Rheumatic Diseases, Nutritional Diseases, Diseases of the Endocrine Glands and Other General Diseases:</i>																								
Diabetes	2	1	3	—	—	—	—	—	—	—	—	—	1	—	1	1	—	1	—	—	—	—	—	—
<i>Chronic Poisonings and Intoxications:</i>																								
Alcoholism (acute or chronic)	2	—	2	—	—	—	—	—	—	—	—	—	2	—	2	—	—	—	—	—	—	—	—	—
<i>Diseases of the Nervous System and Organs of Special Sense:</i>																								
Cerebral hemorrhage	3	2	5	2	—	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cerebral embolism and thrombosis	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General paralysis of the insane	15	—	15	15	—	15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Epilepsy	1	1	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
<i>Diseases of the Circulatory System:</i>																								
Diseases of the myocardium	34	45	79	1	—	1	—	—	—	—	—	—	2	1	3	—	—	—	13	14	27	—	—	—
Other diseases of the heart	1	—	1	—	—	—	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Arteriosclerosis	5	4	9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4	2	6	—	—	—	—
<i>Diseases of the Respiratory System:</i>																								
Bronchopneumonia (including capillary bronchitis)	14	4	18	—	—	—	—	—	—	—	—	—	—	—	—	—	—	7	2	9	—	—	—	—
Lobar pneumonia	4	1	5	—	—	—	—	—	—	—	—	—	1	—	1	—	—	—	—	—	—	1	—	1
<i>Diseases of the Digestive System:</i>																								
Hernia, intestinal obstruction	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Curculosis of the liver	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Peritonitis	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
<i>Diseases of the Genito-Urinary System:</i>																								
Nephritis (acute, chronic and unspecified)	1	4	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	2	3	—	—	—
Other diseases of the kidneys and ureters (puerperal diseases excepted)	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Calculi of the urinary passages	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
<i>Congenital Malformations</i>																								
Senility	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	1	—	—	—
Violent and Accidental Deaths:																								
Accidental traumatism	1	1	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Ill-defined Cause of Death:	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	93	76	169	18	1	19	1	—	1	1	—	1	7	2	9	1	—	1	26	22	48	1	—	1

TABLE 17. Age of Patients at Time of Death Classified with Reference to Principal Psychoses

PSYCHOSES	Total			20-24 years		25-29 years		30-34 years		35-39 years		40-44 years		45-49 years	
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encephalitis	18	1	19	-	-	-	1	1	-	2	-	2	4	-	4
With other forms of syphilis	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
With other infectious diseases	1	-	1	-	-	-	-	-	-	1	-	-	-	-	-
Alcoholic psychoses	7	2	9	-	-	-	-	-	-	-	-	1	1	-	1
Traumatic psychoses	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
With cerebral arteriosclerosis	26	22	48	-	-	-	-	-	-	-	-	-	-	-	-
With other disturbances of circulation	1	-	1	-	-	-	-	1	1	-	-	-	-	-	-
With convulsive disorders (epilepsy)	3	1	4	-	-	-	-	1	1	1	-	-	-	-	-
Senile psychoses	14	26	40	-	-	-	-	-	-	-	-	-	-	-	-
Involuntional psychoses	2	2	4	-	-	-	-	-	-	-	-	-	-	-	-
Due to other metabolic diseases, etc.	-	2	2	-	-	-	-	-	-	-	-	-	-	-	-
Due to new growth	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-
With organic changes of nervous system	2	1	3	-	-	-	-	-	-	1	-	-	-	-	-
Manic-depressive psychoses	4	2	6	-	-	-	-	-	-	-	-	-	-	1	1
Dementia praecox	10	16	26	-	1	1	1	1	1	1	1	2	-	2	2
With mental deficiency	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-
Total	93	76	169	-	1	1	1	1	2	6	1	7	3	8	8

TABLE 17. Age of Patients at Time of Death Classified with Reference to Principal Psychoses — Concluded

PSYCHOSES	50-54 years			55-59 years			60-64 years			65-69 years			70-74 years			75-79 years			80-84 years			85 years and over		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encephalitis	3	-	3	4	-	4	2	-	2	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
With other forms of syphilis	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
With other infectious diseases	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Alcoholic psychoses	-	1	1	3	-	3	2	1	3	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Traumatic psychoses	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
With cerebral arteriosclerosis	1	1	2	-	2	2	-	2	2	8	3	11	-	-	-	-	-	-	-	-	-	-	-	-
With other disturbances of circulation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
With convulsive disorders (epilepsy)	-	-	-	-	-	-	1	-	1	-	-	-	-	1	-	1	-	1	-	-	-	-	-	-
Senile psychoses	-	-	-	-	-	-	-	-	-	-	1	1	-	3	2	5	4	9	13	-	-	-	-	-
Involutional psychoses	-	-	-	1	1	2	1	-	1	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-
Due to other metabolic diseases, etc.	-	1	1	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Due to new growth	-	-	-	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
With organic changes of nervous system	-	-	-	-	1	1	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manic-depressive psychoses	-	-	-	-	-	-	1	1	1	1	1	2	1	1	-	1	-	1	-	-	-	1	-	1
Dementia praecox	-	1	1	-	-	2	-	2	2	1	-	1	1	2	2	2	4	6	1	2	3	-	-	-
With mental deficiency	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
Total	4	5	9	11	7	18	7	6	13	12	6	18	12	11	23	10	16	26	9	12	21	9	9	18

TABLE 18. *Total Duration of Hospital Life of Patients Dying in Hospital Classified According to Principal Psychoses*

PSYCHOSES	Total			Less than 1 month			1-3 months			4-7 months			8-12 months			1-2 years			3-4 years		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encephalitis	18	1	19	-	-	-	7	1	8	-	-	-	3	-	3	5	-	5	1	-	1
With other forms of syphilis	1	-	1	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
With other infectious diseases	1	-	1	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Alcoholic psychoses	7	2	9	2	-	2	-	-	-	-	-	-	-	-	-	1	1	2	-	-	-
Traumatic psychoses	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
With cerebral arteriosclerosis	26	22	48	5	5	10	6	4	10	2	2	4	7	2	9	2	6	8	-	1	1
With other disturbances of circulation	1	-	1	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
With convulsive disorders (epilepsy)	3	1	4	-	-	-	-	-	-	-	-	-	-	-	-	1	2	-	-	-	-
Senile psychoses	14	26	40	4	4	8	2	6	8	1	1	2	-	2	2	3	4	7	2	4	6
Involuntary psychoses	2	2	4	-	-	-	1	-	1	-	-	-	-	1	1	1	-	1	-	1	1
Due to other metabolic diseases, etc.	-	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	-	1	-
Due to new growth	2	1	3	-	-	-	1	-	1	-	-	-	-	-	-	-	1	1	2	-	1
With organic changes of nervous system	2	2	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manic-depressive psychoses	4	2	6	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	1	-	1
Dementia praecox	10	16	26	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	1	2
With mental deficiency	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	93	76	169	13	9	22	18	11	29	3	3	6	11	5	16	15	15	30	6	8	14

TABLE 19. *Average of Length of Hospital Residence during the Present Admissions of All First Admission Cases in Residence on September 30, 1935*

PSYCHOSES	Number			Average Net Hospital Residence in Years		
	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encephalitis	41	18	59	3.82	6.71	4.70
With other forms of syphilis	4	—	4	5.23	—	5.23
With epidemic encephalitis	1	2	3	7.50	5.50	6.16
With other infectious diseases	—	1	1	—	.45	.45
Alcoholic psychoses	74	10	84	8.06	10.09	8.30
Traumatic psychoses	5	3	8	5.10	7.16	5.87
With cerebral arteriosclerosis	50	42	92	2.58	4.14	3.29
With other disturbances of circulation	4	1	5	6.47	7.50	6.68
With convulsive disorders (epilepsy)	14	13	27	4.33	4.56	4.44
Senile psychoses	31	43	74	3.32	5.37	4.51
Involutional psychoses	17	62	79	4.90	4.91	4.91
Due to other metabolic diseases, etc.	2	13	15	4.50	3.02	3.22
With organic changes of nervous system	7	3	10	4.77	8.50	5.89
Psychoneuroses	5	8	13	7.30	3.98	5.25
Manic-depressive psychoses	29	48	77	8.07	6.08	6.83
Dementia praecox	254	281	535	11.69	10.67	11.15
Paranoia and paranoid conditions	15	21	36	4.76	6.77	5.93
With psychopathic personality	3	1	4	7.50	.45	5.73
With mental deficiency	60	37	97	9.47	7.92	8.88
Total	616	607	1,223	8.36	8.00	8.18

TABLE 19A. *Average Length of Hospital Residence during the Present Admission of All Readmission Cases in Residence on September 30, 1935*

PSYCHOSES	Number			Average Net Hospital Residence in Years		
	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encephalitis	12	—	12	7.32	—	7.32
With epidemic encephalitis	2	—	2	5.50	—	5.50
Alcoholic psychoses	27	3	30	8.45	9.16	8.53
Due to drugs, etc.	2	—	2	17.50	—	17.50
Traumatic psychoses	2	—	2	5.00	—	5.00
With cerebral arteriosclerosis	6	4	10	3.65	2.50	3.19
With other disturbances of circulation	1	—	1	.45	—	.45
With convulsive disorders (epilepsy)	2	3	5	3.00	12.50	8.70
Senile psychoses	—	5	5	—	3.89	3.89
Involutional psychoses	6	12	18	2.65	5.15	4.32
Due to other metabolic diseases, etc.	—	1	1	—	1.50	1.50
With organic changes of nervous system	—	1	1	—	12.50	12.50
Psychoneuroses	—	9	9	—	4.92	4.92
Manic-depressive psychoses	25	36	61	6.25	5.09	5.56
Dementia praecox	100	125	225	11.03	11.06	11.05
Paranoia and paranoid conditions	7	4	11	4.64	17.25	9.22
With psychopathic personality	1	1	2	.45	7.50	3.97
With mental deficiency	11	9	20	9.75	8.16	9.04
Without psychoses	1	—	1	.45	—	.45
Total	205	213	418	8.86	9.06	9.96

TABLE 20. *Family Care Statistics for Year Ended September 30 1935*

	Males	Females	Total
Remaining in Family Care September 30, 1934	—	2	2
Admitted to Family Care during the Year	—	4	4
Whole Number of Cases within the Year	—	6	6
Discharged from Family Care within the Year	—	3	3
Discharged outright from Family Care	—	2	2
Returned to Institution	—	1	1
Remaining in Family Care September 30, 1935	—	3	3
Average Daily Number in Family Care during year	—	2.0769	2.0769
Self-supporting	—	3	3



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The Commonwealth of Massachusetts

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ANNUAL REPORT

OF THE

TRUSTEES

OF THE

TAUNTON STATE HOSPITAL

FOR THE

YEAR ENDING NOVEMBER 30,

1936

DEPARTMENT OF MENTAL DISEASES



PUBLICATION OF THIS DOCUMENT APPROVED BY THE COMMISSION ON ADMINISTRATION AND FINANCE.

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GARDNER STATE HOSPITAL
EAST GARDNER, MASS

1938

TAUNTON STATE HOSPITAL

(Post Office Address: Taunton, Mass.)

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ROGER G. OSTERHELD, M.D., *Assistant Superintendent*.
ROBERT M. BELL, M.D., *Senior Physician*.
OLGA E. STEINECKE, M.D., *Senior Physician*.
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FRED GULLON, *Head Farmer*.

IN MEMORIAM

ARTHUR B. REED		
<i>Trustee</i>		1914-1935
BYRON H. STROUT, D.D.S		
<i>Visiting Dentist</i>		1929-1936
GEORGE PHINNEY		
<i>Assistant Herdsman</i>		1925-1936

TRUSTEES' REPORT

To His Excellency, the Governor and the Honorable Council:

The Trustees of the Taunton State Hospital present herewith their eighty-th annual report, together with the Superintendent's report, financial report a statistical tables.

The membership of our Board has remained the same during the past year, Charles C. Cain, Jr., of Attleboro, having been reappointed in the early part the year by Governor James M. Curley. At the annual meeting, Mr. Charles Cain, Jr., of Attleboro, was re-elected chairman, and Mrs. Elizabeth C. M. Gifford of Cambridge, was re-elected secretary.

Mr. Arthur B. Reed of North Abington, passed away on December 11, 1935. Mr. Reed served on the Board from 1914 to 1934, first as a member and later as chairman. He was always faithful in the performance of his duties and willing at all times to contribute advice and counsel. The following resolution was incorporated in the minutes of the meeting of the Board on December 12, 1935:

"The Trustees of the Taunton State Hospital, upon learning of the death at Abington yesterday of Arthur B. Reed, their former colleague and chairman, desire at this meeting of the Board to testify to the valuable public service he gave to this hospital. For twenty years a Trustee, and Chairman during a large part of this time, he labored unselfishly in behalf of the institution, giving valuable advice and counsel to its officials, but always centering his chief interest in the welfare of the patients. His wide experience in business affairs made him outstanding; and yet, we who knew him best remember, first of all, his gentle nature, his unfailing humor even in the face of failing health, the kindness of his comments and his thoughtful courtesy. It was a delight to know him; it was a privilege to enjoy his friendship. Some part of the enlarged institution can later be named as a memorial to him, but meantime, the Trustees desire to place on record their tribute to the distinguished service he long rendered to his Commonwealth, and their personal sense of loss in the closing of this useful life."

The meetings held during the year have been well attended, and the entire membership of the Board has maintained an active interest in the hospital and its different departments.

The different departments of the hospital have continued to function satisfactorily, despite the extra duties incident to new construction which have had to be borne by heads of departments and others. The forty-eight hour law has now been in effect more than a year, and both the employees and patients have become adjusted to the changes made necessary by it.

The hospital is now in good repair, and many wards and buildings have been greatly improved by painting and minor renovations during the year. Efforts are constantly being made to make the space occupied by patients more attractive without adding to the expense. Chief among these improvements have been extensive changes in the kitchens at the colonies where new stoves, hoods and serving counters have been installed. These changes will make possible the use of the sterilization method there.

At the request of the Commissioner, all our buildings were carefully inspected by Mr. Harry Atkinson and Mr. William Carnes of the Department of Public Safety. The changes recommended by them, not requiring special appropriations, are being brought about as rapidly as possible, and appropriations have been requested for those of greater magnitude. The projected renovation of the old infirmary buildings, if carried out as planned, will render them as near fireproof as possible, and when it has been accomplished, the first floor in all our buildings, with the exception of the administration building, will be fireproof.

At the present time, Public Works Administration Project No. 4477, is nearing completion. This project included the building and furnishing of a hospital and infirmary building. These buildings will furnish accommodations for three hundred patients. It is expected that the necessary furnishings and equipment will be in place by the early Spring of next year, and the patients now occupying our old infirmary buildings will be transferred at that time. For the present, it will be necessary to care for both men and women in the new infirmary building, but our plans include the construction of another infirmary building for male patients. This will make all the space in the building just completed available for women, and will permit the fourth floor in each building to be used for the care of those suffering from Tuberculosis, the purpose for which it has been especially constructed.

The old buildings which are being vacated have been in constant use, without renovation, for the period of forty-three years. They are of second class construction and not suited to the care of ambulatory patients, in their present state. It is necessary that they be thoroughly renovated before they can again be occupied, and it is hoped that this work can be accomplished in the very near future, as the buildings they represent is badly needed.

Another Public Works Administration Project No. 1139R, Nurses' Home, has been approved and the foundation has been completed. This building will provide quarters for one hundred and fifty-three women and when it is completed, it will be possible to quarter all of our employees on the grounds.

The following items of importance, described in detail in the Superintendent's report, are necessities and should be accomplished within the very near future:

New Laundry Building and Equipment.

Rewiring and Necessary Changes in the Power Plant.

Renovation of Bath and Toilet Sections in the Main Building.

Relocation of the Piggery.

Other items which should be kept in mind for further consideration are the following units of the hospital group: Infirmary Building, Kitchen and Dining Room Building and Admission Building, together with the necessary furnishings and equipment.

The hospital has been visited on several occasions by Winfred Overholser, M.D., Commissioner, Joseph E. Barrett, M.D., Assistant Commissioner, and on December 5, 1935, the Ways and Means Committee made a tour of inspection. On November 2, 1936, Dr. F. H. Arestad of the American Medical Association, Chicago, visited the hospital, and on November 9, 1936, Dr. C. Macfie Campbell of Boston, accompanied by Hon. Alexander Armstrong and Mr. Walter M. Kilman of Maryland, paid us a visit. Representatives of the Department of Mental Diseases have visited the hospital at frequent intervals.

In closing, we wish to express our gratitude for the cooperation we have received during the year from the Department of Mental Diseases, the other State Departments, the Superintendent, the employees and all others with whom we have been associated.

CHARLES C. CAIN, Jr., *Chairman*

J. VINCENT THUOT, M.D.

ASA A. MILLS

HAROLD FITZGIBBONS

ELIZABETH C. M. GIFFORD,

Secretary

MARY B. BESSE

SAMUEL M. STONE

Trustees.

SUPERINTENDENT'S REPORT

To the Trustees of the Taunton State Hospital:

The eighty-third annual report of the Superintendent of the Taunton State Hospital, for the fiscal year ending November 30, 1936, is respectfully submitted for your consideration.

The statistical tables relative to patients cover the period beginning October 1, 1935 and ending September 30, 1936.

MOVEMENT OF POPULATION

On September 30, 1935, the census of the hospital was as follows: In the hospital 821 men and 820 women, making a total of 1,641. On parole or otherwise absent 86 men and 105 women, a total of 191, making a grand total of 1,832, including 907 men and 925 women, on the books of the hospital. During the year ending September 30, 1936, 583 patients were received. Of this number, 266 men and 203 women, a total of 469, were classed as first admissions, 59 men and 43 women, a total of 102, came as readmissions, and 6 men and 6 women, a total of 12, came as transfers from other hospitals.

Patients, 600 in number, including 340 men and 260 women, were discharged during the same period. Of this number, 152 men and 116 women, a total of 268, were returned to the community, 70 men and 54 women, a total of 124, were transferred to other hospitals, and 118 men and 90 women, a total of 208, died.

The census on September 30, 1936, was as follows: In the hospital, 796 men and 805 women, making a total of 1,601. On parole or otherwise absent, 102 men and 112 women, a total of 214, making a grand total of 1,815, including 898 men and 917 women, on the books of the hospital. The total number of cases under treatment during the year was 2,415 (1,238 men and 1,177 women).

Of the 469 first admissions, only 374 were regularly committed to the hospital, there being 3 voluntary and 92 temporary care. Of the 102 readmissions, only 7 were regularly committed to the hospital, there being 8 voluntary and 30 temporary care.

FIRST ADMISSIONS

Nativity. — Of the 374 committed first admissions, 144 men and 109 women, total of 253, were born in the United States, and 55 men and 66 women, a total of 121, were born in other countries, the percentage of native born being 68%, and of foreign born, 32%.

Citizenship. — Of the 374 committed first admissions, 253 or 68% were citizens by birth, 53 or 15% were citizens by naturalization, 46 or 12% were aliens, and 22 or 5% were unascertained.

Mental Diagnosis. — The different forms of mental disease shown by the 374 committed first admissions were as follows: psychoses with syphilitic meningo-encephalitis (general paralysis), 18 or 4.79%; psychoses with other forms of syphilis, 2 or .52%; psychoses with epidemic encephalitis, 1 or .26%; alcoholic psychoses, 25 or 6.67%; traumatic psychoses, 2 or .52%; psychoses with cerebral arteriosclerosis, 85 or 22.71%; psychoses with convulsive disorders (epilepsy), 6 or 1.59%; senile psychoses, 34 or 9.07%; involutional psychoses, 24 or 6.40%; psychoses due to other metabolic diseases, etc., 6 or 1.59%; psychoses due to new growth, 4 or 1.06%; psychoses with organic changes of the nervous system, 7 or 1.85%; psychoneurosis, 15 or 4.26%; manic depressive psychoses, 41 or 10.95%; dementia praecox, 82 or 21.92%; paranoia and paranoid conditions, 6 or 1.59%; psychoses with psychopathic personality, 2 or .52%; psychoses with mental deficiency, 13 or 3.47%; without psychosis, 1 or .26%.

For further information concerning psychoses of first admissions see statistical tables.

Age. — Of the 374 committed first admissions, 128 or 34.23% were over 60 years of age; 112 or 29.94% were between 40 and 60, the involution period; 114 or 30.48% were between 20 and 40, and 20 or 5.35% were under 20.

Education. — Of the 374 committed first admissions, 19 or 5.08% were illiterate; 1 or .56% could read and write; 250 or 66.84% had a common school education; 10 or 16.04% had a high school education; 19 or 5.08% had a college education; and 5 or 1.33% were unascertained.

Environment. — Of the 374 committed first admissions, 208 or 55.61% were classed as urban, and 166 or 44.39% were classed as rural.

READMISSIONS

Of the 102 readmissions, the diagnoses were as follows: psychoses with syphilitic meningo-encephalitis (general paralysis), 4 or 3.92%; psychoses with other infectious diseases, 1 or .98%; alcoholic psychoses, 9 or 8.83%; psychoses with cerebral arteriosclerosis, 5 or 4.90%; psychoses with convulsive disorders (epilepsy), 1 or 1.96%; senile psychoses, 1 or .98%; involutional psychoses, 1 or .98%; Huntington's chorea, 1 or .98%; psychoneurosis, 9 or 8.83%; manic depressive psychoses, 24 or 23.53%; dementia praecox, 33 or 32.35%; without psychosis, 2 or 11.76%.

DISCHARGES

Of the 268 patients discharged, 156 had been actually committed to the hospital. The remaining 112 were under voluntary and temporary care. The discharge rate figured on the number of patients admitted during the year was 45.97%.

DEATHS

The death rate for the year figured on the total number under treatment was 61%.

One hundred and eighty-three (183) of the 208 patients dying during the year were committed to the hospital. The remaining 25 were under temporary care. The causes of death were as follows: tuberculosis of the respiratory system, 8 or 4.3%; syphilis (non-nervous forms), 2 or 1.09%; septicaemia, 2 or 1.09%; cancer and other tumors, 6 or 3.27%; diabetes, 4 or 2.18%; epilepsy, 4 or 2.18%; cerebral hemorrhage, 3 or 1.63%; cerebral embolism and thrombosis, 1 or .55%; general paralysis of the insane, 14 or 7.65%; other diseases of the nervous system, 4 or 1.8%; chronic endocarditis, 1 or .55%; diseases of the myocardium, 52 or 28.40%; other diseases of the heart, 7 or 3.82%; arteriosclerosis, 10 or 5.46%; bronchitis, 1 or .55%; bronchopneumonia, 33 or 18.03%; lobar pneumonia, 10 or 5.46%.

other diseases of the respiratory system, 3 or 1.63%; appendicitis, 1 or .55%; cirrhosis of the liver, 1 or .55%; nephritis, 7 or 3.82%; diseases of the skin and cellular tissue, 1 or .55%; senility, 3 or 1.63%; suicide, 1 or .55%; accidental burns, 1 or .55%; accidental traumatism, 1 or .55%; other external causes, 1 or .55%; ill-defined causes of death, 1 or .55%.

Of those who died, 125 or 68.31% were over sixty years of age; 38 or 20.76% were between 40 and 60; 18 or 9.84% were between 20 and 40; and 2 or 1.09% were under 20.

Our records show that at the close of the year, there were 49 ex-service men in the hospital.

MEDICAL SERVICE

Clinical Director — Roger G. Osterheld, M.D.

As formerly the visiting staff has given liberally of their time and experience. For some years this group has served the patients of this hospital. The members are: Dr. Charles A. Atwood, Dr. Arthur R. Crandell, Dr. Joseph L. Murphy and Dr. Charles J. C. Gillon. On August 30, 1936, Dr. Byron H. Strout, who has served the hospital faithfully for many years, passed away. Because of his great teaching experience and wide practice, Dr. Strout was able to aid our dental department in innumerable ways and his passing will be keenly felt by everyone.

Several changes have occurred in the medical staff during the past year. Dr. Wilfrid Seguin, a graduate of the University of Montreal, filled the vacancy of Dr. Norman K. Beals who completed his residency on November 30, 1935, and is now continuing his studies in surgery. Dr. George H. Ledger completed his residency on July 26, 1936 and entered general practice. This vacancy was filled by Dr. Henry L. Hartman, a graduate of Yale University. Dr. Stanely R. Dean is spending three months at the Boston Psychopathic Hospital for the purpose of doing special research work. His place is being temporarily filled by Dr. Paley I. Rubin of the Department of Mental Diseases. Dr. Robert M. Bell remains in charge of the male service, and Dr. Abraham M. Stiffle has the female service. Dr. Olga I. Steinecke has conducted the outpatient and school clinics as in former years. The number of children examined has increased considerably, and this has resulted in her spending less time at the hospital for routine ward duties during the school year. She has continued also to examine children under Section 215.

The hospital continues to act as a teaching clinic for medical students. Each month during the school year, two students from Boston University Medical School and two from Tufts College School of Medicine are assigned for training. These young men live in the hospital as staff members, attend staff meetings and conferences, and are assigned work on the wards under supervision. During the summer three medical students spend three months at the hospital. A great amount of experience in mental diseases is obtained by the student in this way. When he enters private practice, it should be of great benefit to him and his patient.

The staff has continued to give courses and lectures in connection with the training school for nurses. The affiliate and postgraduate courses continue, as well as the hospital training school. The staff is pleased to help in the training of medical students and nurses, and their training is a distinct benefit to the hospital while here, and to the public after graduation.

The program for the detection and care of patients suffering from tuberculosis has continued. Each patient routinely has a Mantoux test to determine whether or not they have had or are susceptible to tuberculosis. Those who show a positive reaction are examined by the fluoroscope. Where there is evidence that there has been a lung involvement, an x-ray for a permanent record is taken. If the process is healed, no treatment is necessary. Should an active process of tuberculosis be present, the patient is at once placed on a ward where this condition is treated. This isolates him from those who do not have the disease, and by moderate treatment much improvement is usually seen in a comparatively short time.

We are continuing the examination for and prophylaxis against typhoid. All food handlers are routinely examined, and no evidence of infection has been found during the year. No patient has had typhoid or shown a positive Widal reaction.

Our leutic outpatient clinic continues to slowly increase in size, and requires two mornings a week. Considerable difficulty has been found in keeping the outpatients reporting weekly. A list of absentees is sent each week to the Board of Health for a checkup by their workers. The cases of syphilis among our patients continues to go on in an orderly series. Those suffering from general paralysis continue to show improvement with fever therapy in the form of malaria. These cases must be carefully selected and many cases are brought to the hospital in such poor physical condition that this form of treatment cannot be instituted.

During the year there has been no disease of epidemic proportions. Dr. Richard P. McKnight, District Health Officer, has continued to be helpful with advice.

For the last three years, all patients who take their meals in the cafeteria have continued to have their nose and throat sprayed three times a day. How much this has helped in preventing illness, it is impossible to estimate. Suffice it to say that there has been no contagious disease or epidemic during this time.

Routine examination and treatment of foot conditions was begun a year ago. This has been a source of a great deal of comfort to those suffering from painful feet. A registered podiatrist is in attendance two mornings a week.

Considerable time and thought has been spent in selecting the equipment for the new buildings. All of the special types of treatment can be given, and much convenience and comfort for the patients should result from this new unit.

The following work was accomplished in the operating room and dressing rooms during the year:

<i>Operations:</i>		<i>Infections, incised with anesthesia</i>	
Appendectomy	4	Lacerations, sutured	58
Appendectomy with gall bladder drained	1	Nasal polypus removed	28
Arm amputation	2	Paracentesis, ear	3
Dilatation and curettage	1	Paracentesis, chest with aspiration	1
Herniotomy	1	Pneumothorax	4
Hemorrhoidectomy	1	Punctures, spinal	29
Laparotomy	1	Punctures, venal	173
Orchectomy	2	Surgical dressings	1,033
Obstruction, intestinal	1		16,556
Tonsillectomy	1	<i>Antisyphilitic Treatments:</i>	
Removal of uterine polypus	1	Arsphenamine	182
		Neosarsphenamine	752
		Bismuth-sodio-tartrate	1,002
<i>Minor Surgery:</i>		Bismosol	831
Abscess, incised and drained	2	Malaria series	11
Amputation, phalanges	4	Mercury salicylate	829
Aspiration, chest	4	Potassium iodide	393
Biopsy of tissue	1	Tryparsamid	244
Carbuncle, excised	1	<i>Eye, Ear, Nose and Throat Treatments:</i>	
Carbuncle, incised and drained	1	Ear irrigation and instillation	387
Cyst, sebaceous	4	Eye irrigation and instillation	7,547
Dental extractions	20	Hordeolum	9
Dislocation	1	Nasal-pharyngeal sprays	196,885
Fractures (reduction and immobilization):		Pharyngeal sprays	1,111
Ankle	1	<i>Examinations:</i>	
Fibula	3	Gynecological	776
Finger	1	Gynecological with anesthesia	1
Nasal bones	1	Rectal	9
Patella	1	<i>Foot Clinic:</i>	
Radius	1	Arches treated	1,227
Tibia	4	Arch supports fitted	7
Ulna	1	Bunions	901
Double spica cast	1	Calluses	1,635
Carbuncle, incised and drained	41	Corns	1,797
Growth, removed from chest area	1	Examinations	1,010

Hypertrophied nails	200	Proteolac	
Ingrowing nails	502	Rabies	
Impression for arch supports	7	Smallpox	50
Massages	1,417	Typhoid	1,29
Nails, excision with anesthesia	12	Von Pirquet	8
Treatments	38	<i>Miscellaneous:</i>	
<i>Serums and Vaccines</i>		Hypodermoclysis	8
<i>(Prophylaxis):</i>		Intravenous injections:	
Amniotin	71	Calcium gluconate	
Antipneumococcus	2	Iron and arsenic	
Autogenous	98	Iron cacodylate	
Coryza	11	Liver	30
Mantoux	1,085	Sodium morrhuate	
Myochysine	9	Gastric analyses	
Neo-hemoplastin	2		

DENTAL DEPARTMENT

Director — Dr. Wilfred R. Wilson

There has been no change in the personnel of this department during the past year. The amount of work continues to increase, and there is no question but that it contributes greatly to the comfort and appearance of our patients. The tremendous amount of work listed below demonstrates very nicely the efficiency of the unit, but as the number of patients increases, we realize more and more that the personnel of this department is inadequate. A well equipped dental suite will soon be ready for occupancy in our new hospital building. We are not planning to close the suite now in use, as its facilities are entirely occupied by the necessary work on the patients living in the main building. We hope that we may have the services of another dentist before too long.

An outline of the work accomplished follows:

Bridgework: Preparation for crown, 7; set, 3; removed, 6.

Crowns: Davis crown set, 1; gold crown set, 1; gold crown removed, 1.

Cleaned and scaled, 1,295; examined and charted, 796; extractions, 873.

Fillings: Amalgam, 884; kryptex, 137; root canal, 1; synthetic, 360; zinc oxide and eugenol, 446.

Plates: Impression, bite, shade, 60; teeth tried in, 32; made, 37; adjusted, 119; cleaned, 279; marked, 234; repaired, 35.

Treatments: For necrotic gingivitis: pockets packed, 3,642; oxygen insufflation, 658. For leucic ulcer of leg: oxygen insufflation, 89; dunlop paste and bandage, 88. Miscellaneous: abscess lanced, 1; formo-creosol, 22; gum treated with iodine, 16; post-operative, 11; root canal, 6; silver nitrate, 16; zinc chloride, 1; teeth treated, 6.

X-rays taken	24
Patients with work completed	1,563
Number of visits	4,140
Number of operations	10,187
Average operation per patient	2.4
Number of patients treated first time	1,127
Number of new patients needing dental attention	272
Number of extractions of new patients	349
Number of fillings on new patients	787
Number of patients with work completed	1,437
Number of patients with work to be done	141
Percentage of patients with work completed	90.9
Percentage of patients with work to be done	9.1
Average number of operations per day	32.5
Number of days office was open	314
Average number of patients treated daily	13

X-RAY DEPARTMENT

Director — Abraham M. Stiffle, M.D.

The work of this department has increased considerably during the past year, the number of X-ray examinations exceeding that of last year by 441. The department has continued to function satisfactorily despite the handicap caused by antiquated equipment, and we are looking forward with keen anticipation to the opening of the x-ray unit in the new building. The junior members of the staff have been instructed in fluoroscopy as well as x-ray technique and interpretation. This training is invaluable, and its advantages will be considerably enhanced when we are established in our new quarters.

A summary of the work accomplished during the year follows:

Skull	21	Radius and ulna	5	Foot	7
Antrum	3	Wrist	7	Calcaneus	1
Nose	1	Hand	16	Esophagus	1
Cervical vertebrae	3	Finger	12	Chest (lungs)	269
Thoracic vertebrae	1	Hip	8	Fluoroscopic examin- ation of chest	268
Lumbar vertebrae	2	Pelvis	3	Ribs	3
Shoulder	8	Knee	11	Abdomen (flat plate)	2
Clavicle	2	Tibia	14	Gall bladder	5
Humerus	5	Ankle	19		
Elbow	6				
Total					703

PHYSIOTHERAPY DEPARTMENT

Director — Olga E. Steinecke, M.D.

The personnel of this department has remained the same throughout the year. The technician, Miss Helen Dadmun, gave twenty-four hours of instruction in massage and twenty hours of instruction in personal hygiene to the student nurses.

During the year there were 226 patients treated in this department. Of this number, 107 were men and 119 were women. There were also 40 employees and 1 bed patients treated.

Ultra-violet was used for dermatitis, psoriasis, acne, infections and general tonic treatments. Infra-red was used for arthritis, bronchitis, sprains, hemiplegia and contractures. Dessication was used for the removal of warts. Diathermy was used in the treatment of neuritis and arthritis, and auto-condensation for hypertension.

A summary of the work accomplished follows:

	Men		Women	
	Hours	Treat- ments	Hours	Treat- ments
Ultra-violet	168 $\frac{1}{3}$	625	145 $\frac{1}{2}$	677
Infra-red	802 $\frac{1}{6}$	1,916	671 $\frac{1}{6}$	1,537
Auto-condensation	6 $\frac{1}{2}$	13	—	—
Diathermy	—	—	110 $\frac{2}{3}$	241
Dessication	2	13	—	—
Total	979	2,567	927 $\frac{1}{3}$	2,455

Total of all treatments	5,022
Total of all hours	1,906 $\frac{1}{3}$

HYDROTHERAPY DEPARTMENT

Directors — Robert M. Bell, M.D., Abraham M. Stiffle, M.D.

Hydrotherapy continues to be one of the most efficient methods of treatment furnished by the hospital. Teresa Haskell, R. N., has continued to supervise the work both in the tonic bath department and the different sedation suites on

the female division, while Mr. Leon Jackson has performed these duties on the male division. All our facilities have been used to the fullest extent, and the pack and continuous baths are being operated the entire twenty-four hours. At the present time our equipment is inadequate, and the time when we will have a new building for the treatment of acute recoverable cases including adequate hydrotherapeutic equipment is being keenly anticipated.

Dr. Rebekah B. Wright, hydrotherapeutist for the Department of Mental Diseases, has continued to cooperate with us and we have benefited greatly from her advice and counsel.

A summary of the work accomplished follows:

	<i>Men</i>	<i>Women</i>	<i>Total</i>
Number of patients	230	258	488
<i>Tonic Baths</i>			
Salt glows	1,172	766	1,938
Hot and cold to spine	119	670	789
Foot baths	—	49	49
Sitz baths	101	74	175
Electric light baths	193	31	224
Swedish shampoos	876	781	1,657
Hair shampoos	876	—	876
Needle sprays	2,950	2,378	5,328
Fan douches	2,315	1,865	4,180
Rain douches	876	—	876
<i>Continuous Baths:</i>			
Number of baths	6,084	7,991	14,075
Number of hours	44,396	56,748.39	101,144.39
<i>Wet Sheet Packs:</i>			
Number of packs	13,027	19,131	32,158
Number of hours	39,103.15	52,264.32	91,367.47
<i>Colonic Irrigations:</i>			
Number of irrigations	481	258	739
<i>Instructions:</i>			
Number of pupils	19	72	91
<i>Continuous Bath Lessons:</i>			
Number of lessons	35	43	78
Number of hours	43	75	118
<i>Pack Lessons:</i>			
Number of lessons	18	66	84
Number of hours	28	95	123

LABORATORY

Director — Donald G. Henderson, M.D.

The work of the laboratory again this year showed a steady increase in many fields. The staff personnel remained the same except that in September Miss Virginia Clarke was added as a student technician, and progress in her training has been satisfactory and rapid. The advancement of Miss Mariesta Thompson from the position of laboratory attendant to that of technician occurred early in the year, and has proven satisfactory. The laboratory attendant, Miss Faith Findlay, obtained a leave of absence for sickness during July and August, and this necessitated curtailment of some of the work, although it did not interfere with the active routine work during that period. Due to this condition, no volunteer students were trained during the summer months.

The autopsy percentage remained approximately the same as last year, and again we received exceedingly favorable comments on our restoration of autopsied bodies. From time to time interesting cases were presented to the clinical staff and it is prophesied that with the equipment in the new laboratory, much greater attention to study and instruction will readily follow. A great deal of material was not demonstrated due to inadequate equipment to instruct a large group. Individual teaching of the medical students has been successful, especially as many of these students were preparing to sit for final examinations at their respective universities following their residencies here.

The material collected on one interesting patient who came to necropsy was presented to the members of the Boston Medico-Legal Society. It will appear in the literature shortly.

Special laboratory determinations of urine creatinine and creatine were performed for one of the members of the clinical staff who was interested in this aspect of a neurological case on his service. His report will also appear in the literature in the near future.

An attempt was made this year to cultivate the tubercle bacillus from sputum to make sure no organisms were being overlooked in direct smears. We have been unsuccessful in doing this, but to date have not been able to grow these organisms where they were not found upon repeated examination of sputum by the older direct smear method; however, our series of cases is still small and we shall continue this line of experimentation.

The following is a summary of the activities of this department along the lines indicated, but one must remember in reading it that a great deal of time has been spent in preparation for these determinations — an item that is often overlooked when evaluating the efficiency of a department such as the laboratory.

Scheim-Zondek test, 2; blood Widal agglutinations, 53.

Counts: spinal fluid cells, 160; complete blood, 1,586; differential white cell, 107; platelet, 1; red blood, 114; reticulocyte, 16; Schilling differential, 107; white blood, 60.

Cultures: blood, 9; for B. Diphtheriae, 23; for other organisms, 76; stool for B. Typhosus, 369; sputum for B. Tuberculosis, 50.

Determinations: Basal metabolism, 32; bleeding and coagulation time, 29; blood sugar, 203; blood urea nitrogen, 145; blood calcium, 10; blood fragility, 2; blood chlorides, 2; blood grouping, 4; blood uric acid, 1; sugar tolerance, 2; blood sedimentation, 16; occult blood in stool, 35; spinal fluid, complete, 209; spinal fluid calcium, 3.

Examinations: diagnostic tissue, 250; gastric contents, 19; post-mortem, 103; microscopic sections, 4,000; icteric indices, 11; milk analyses (bacterial), 45; sputum for pneumococcus typing, 46.

Patients' pictures: 602; Photographs of pathological specimens, 50.

Smears: For B. Diphtheriae, 33; for B. Tuberculosis, 315; for gonococcus, 23; for malarial parasites, 114; for meningococcus, 51; for Vincent's organisms, 9; for other organisms, 175.

Urinalysis: complete, 3,553; acetone and diacetic acid, 279; creatine and creatinine, 30.

Van den Bergh Reactions, 53.

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ALPH M. CHAMBERS, M.D., Superintendent.

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"Important Mental Symptoms". An address to the Taunton Women's Club on March 2, 1936.

"Relation of a State Hospital to the Community". An address to the Health Institute of the Massachusetts Federation of Women's Clubs, Falmouth, Mass., on March 31, 1936.

"Relation of a State Hospital to the Community". An address to the Kiwanis Club, Fall River, Mass., on October 27, 1936.

GER G. OSTERVELD, M.D., Assistant Superintendent.

"The State Hospital and the Community". An address to the Baptist Men's Club, Plymouth, Mass., on November 15, 1936.

GA F. STEINECKE, M.D., Senior Physician.

"The Plan and Purpose of Outpatient Clinics and Their Advantages to Social Service Workers". An address to the Social Workers Club, Newport, R.I., on February 18, 1936.

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WILFRED R. WILSON, Dentist.

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STANLEY R. DEAN, M.D., Assistant Physician.

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SOCIAL SERVICE DEPARTMENT
Director — Emma Shaw Lowe

The personnel of this department has remained the same with the exception of the students. One of the 1935–1936 students is now working in Connecticut and one in New Jersey. In their places we have one from Radcliffe College and one from Mount Holyoke.

During the year this department handled a total of 1,805 cases, including new admissions on whom histories were taken, the patients on trial visit and the clinic cases — school, community and juvenile delinquents — as shown in the table that follows. Some of the examinations of the juvenile delinquents have been made at the community clinics and others at special clinics held for that purpose. This work takes a great deal of time, and still more could be spent on investigation with benefit to the clients. This, however, is not possible without increased personnel. As these clinic cases, together with certain of the hospital cases, require more than the time of one person for psychometric testing, we are hoping that a psychometrist may be added to the staff before the writing of the next report.

The histories of all new admissions have been taken by this department as in past years. As far as possible, this is done at the hospital in order to save time and expense, but there are very few histories that are adequate without outside investigation.

The increased number of hospital patients reporting to the hospital and community clinics has lightened, to a slight degree, the home supervision work. We are always hoping, however, for more time to devote to our trial visit patients in the belief that in this way we will have increased success in keeping these patients in the communities.

A summary of the work accomplished in this department follows:

SOCIAL SERVICE YEARLY STATISTICS
December 1, 1935 — November 30, 1936

I. Numerical Summary of Cases:

	HOSPITAL CASES				COMMUNITY CASES				TOTAL		
	House Patients		Out Patients		Clinic Cases		Others				
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	T.
1. New cases	327	278	150	158	67	45	547 ¹	233 ²	1,091	714	1,805
2. Renewed cases from previous years	—	—	—	—	—	—	—	—	—	—	—
3. Renewed cases within the year	—	—	—	—	—	—	—	—	—	—	—
4. Continued cases from previous year	204	172	108	120	102	112	—	—	414	404	818
5. Cases closed during year	319	275	150	167	62	40	547	233	1,078	715	1,793
6. Cases continued to following year	212	175	108	111	107	117	—	—	427	403	830

¹This number includes 79 juveniles, 431 school clinic, and 37 court cases.
²This number includes 12 juveniles, and 221 school clinic cases.

II. Sources of New Cases:

Number cases referred by physicians, 904; by community agencies, 900.

II. *Analysis of Work:*

1. Purpose for which cases were referred: (a) Histories of patients — taken at hospital, 354; taken outside hospital, 253; (b) Investigation — conduct disorders, 252; employment situations, 45; home conditions, 92; statements of patients, 138; statements of others, 219. (c) Supervision — in home, 562; in industry, 36; in community, 37. (d) Care of patient's families, 33. (e) Personal Services, 407.
2. Problems: (a) Disease — mental, 558; physical, 118. (b) Sex problems — promiscuity, 2; wayward tendencies, 16. (c) Environment — financial difficulties, 128; employment, 90; unsuitable surroundings, 21; friction — family, 56; others, 36; marital difficulties, 61; (d) Personality problems — temperament, 141; anti-social habits, 75; vacillating interests, 21; (e) Educational Problems — Readjustment habits of mind, 98; recreation, church, social relationships, 109. (f) Legal Problems — concerning property or support, 1.

IV. *Service Rendered:*

1. Medical: (a) Contribution of information re: medical history, 667; home conditions, 642; condition of outpatients, 588.
2. Social: (a) Advice — to relatives, 449; to patients, 413; to others, 175. (b) connecting with agencies, 584; with individuals, 2,510; (c) Personal services, 440. (d) Number of psychological tests to hospital patients, 78; psychological tests to juvenile delinquents, 5; psychological tests to prisoners, 31; histories of prisoners, 21.

V. *Supervision Work:*

1. Number of patients on visit last day of previous year, 22; patients discharged from visit during year, 149; visits to patients on wards, 411; visits to patients on visit, 495; visits to relatives or friends, 415; visits to social agencies, 204; visits to "others", 150.
2. Family care patients: number patients visited, 16; number patients placed, 2.

VI. *Clinic Work:*

1. Hospital Clinics: Number of interviews with patients, 770 (patients reporting to hospital and community clinics); interviews with relatives, 486.
2. School Clinics: Number attended, 85; psychological tests, 642; miscellaneous work, 8 school tests.
3. Community Clinics: Number attended, 141; interviews with patients, 358; interviews with "others", 347.

II. *Miscellaneous:*

1. Amount of expense account: School or Community Clinic Work, \$149.61; hospital work, \$341.07.
2. Account of time: Number of days in hospital, 675; days outside hospital, 694½; days spent in school clinic work, 89; days spent in community clinic work, 191.

Special Features:

1. Lectures: Nurses Training School, 21.
2. Conferences attended: Daily hospital conferences; monthly Saturday morning conferences at State House; Annual meeting of State Hospital Social Workers at State House; Annual meeting of Advisory Committee of Southeastern Division of Mental Hygiene Society at Taunton State Hospital; Branch meeting of Massachusetts Conference of Social Workers at Quincy; Annual meeting of Massachusetts Conference of Social Workers at Boston; occasional meetings of Psychiatric Social Workers Round Table.

OUT-PATIENT DEPARTMENT

Director — *Olga E. Steincke, M.D.*

No addition to the clinic staff has been made during the year, and the work continues to be carried on by the Director with the assistance of the social service department. The limited staff does not permit as much social investigation in conjunction with history taking and the follow up social work which is desired in

the study of patients in the clinics, however. The workers of the various agencies referring the cases have been most cooperative in this matter, and the handicap is not of major importance; nevertheless, it is our hope that the scope of work can be broadened in time. No new community clinics have been added to those established at Fall River, New Bedford, Taunton and Attleboro.

In many of the fifty towns in which we hold school clinics, there has been an appreciable increase of interest upon the part of the school superintendents and teachers. The trend towards thorough individual study of each child is apparent and the facilities of the school clinic are being utilized more extensively than ever in planning for the child according to his needs. Many are now being examined in the lower grades with the hope that through very early and continued proper placement, emotional conflicts and maladjustments can be minimized.

The accompanying statistical chart gives evidence of further increase in the new case load which has grown steadily during the past few years:

<i>Sources of Visits</i>		<i>Number of Visits</i>	
Community Welfare	.	.	4
Children's Aid Society	.	.	8
School Department	.	.	91
Society for the Prevention of Cruelty to Children	.	.	8
Private Physicians	.	.	40
Family Welfare Society	.	.	14
Taunton State Hospital	.	.	775
Department of Public Welfare	.	.	14
Court (Chapter 215 cases)	.	.	58
Others	.	.	90
Total		.	1,102
Attleboro			
Total Visits:		New Cases:	
Male	21	Male	6
Female	40	Female	6
Total	61	Total	12
Fall River			
Total Visits:		New Cases:	
Male	191	Male	44
Female	141	Female	25
Total	332	Total	69
New Bedford			
Total Visits:		New Cases:	
Male	220	Male	37
Female	221	Female	12
Total	441	Total	49
Taunton			
Total Visits:		New Cases:	
Male	140	Male	22
Female	128	Female	12
Total	268	Total	34
New male cases seen	109	Male visits to clinic	572
New female cases seen	55	Female visits to clinic	530
Total new cases seen	164	Total visits to clinic	1,102

There were also 97 cases examined according to the provisions of Chapter 215, Acts of 1931.

School Clinics

Number of towns visited				34
Examinations:				
New cases		Male	Female	Total
Old cases (re-examined)		393	205	598
Number of incompleted cases		60	23	83
Number of completed cases		0		
		681		
Total number of cases		681	453	228
Recommendations:				681
Institutional care		11	5	16
Special class		157	76	233
Other recommendations		285	147	432
Total recommendations		453	228	681

OCCUPATIONAL THERAPY DEPARTMENT

Director — Katherine MacKenzie

The quota of this department is as follows: One head therapist, five aides, one physical director and one musical director.

Occupational classes have been held on fifteen wards and in the main classroom. The physical education classes have continued to be held outdoors when the weather permitted. At other times, it has been necessary to carry on the work inside. Every four months a group of affiliate and postgraduate nurses were given lectures in occupational therapy and twenty hours in practical demonstration. Other students were given a course of seven lectures and twenty hours of crafts and practical demonstration.

As usual, all recreational activities were under the supervision of this department. The Christmas season opened with a Christmas party at the main hospital. Games were held and prizes were awarded to the winners. On Christmas Eve a pageant, "The Miracle of the Clock", was presented at the main hospital. Following this, gifts were presented to the patients from the attractively lighted Christmas trees. Those who were not able to come to the main assembly hall received their gifts on the wards. On Christmas Day special religious services were held both morning and afternoon, and during the week following entertainments were held at each colony, as well as at the main hospital, and the program closed with the patients' New Year Party on December 31. We did our utmost to make the Christmas season a happy one for our patients, and we feel that our efforts were paid.

The following people contributed to our annual Christmas Fund: Mr. Azar, Mr. Adrian Adams, Mrs. Jeannette Ainsworth, Mrs. Elma Alexander, Mr. Maurice Allen, Mr. Harry Atwood, Mr. John W. Baron, Mrs. Rita Benedetti, Mrs. Mary Besse, Mr. Charles C. Cain, Jr., Mr. Alfred Carlson, Mr. Louis Chabot, Miss Nellie Collins, Mrs. Charles Cook, Mr. and Mrs. William Cowell, Mrs. Annie Cummings, Mr. Thomas Curley, Mrs. Sarah Day, Mrs. Henry Daily, Mrs. Marion Elias, Mrs. Joseph Donelli, Mrs. Cecelia Fredette, Dr. Alphonse P. Gagnon, Mr. Arthur Gauthier, Mr. Herbert Gibbs, Mrs. Elizabeth C. M. Gifford, Mrs. Frank Gomes, Mr. D. W. Haggerty, Mrs. Angie Hathaway, Mrs. Annie Hennessey, Mr. Herbert Hinckley, Mr. Matthew H. Howes, Mr. P. Iandoli, Mrs. John C. Edge, Mrs. Katherine Krystyan, Mr. and Mrs. Lane, Mrs. Amelia Lima, Miss Eva J. LePage, Mr. Andrew Mann, Mr. Peter Matonis, Mr. Fred McLeod, Mrs. Mary McManus, Mrs. Azelie Melanson, Mr. Asa A. Mills, Miss Mary Moore, Mrs. Sarah Murray, Miss Charlotte Paine, Mrs. H. A. Palmer, Mr. Charles E. Perry, Mr. Louis Prince, Mr. and Mrs. Albert Purdy, Mr. F. A. Read, Mrs. J. Hett, Mr. Harvey Sampson, Miss Ella Smith, Mrs. J. Carter Smith, Mr. Henry Southworth, Mr. Samuel Stone, Mrs. Emma Thompson, Mrs. Margaret Ulak, Mr. Calvin Veazie, Mr. John Wakefield, Mrs. Henry Waterman, Mrs. Charles Wilcox.

Other activities of the year follow in the order of the date on which they occurred: January 23 — Entertainment presented by the American Legion Auxiliary. Cakes and gum were presented to the ex-service men.

January 27 — Entertainment presented by the Veterans of Foreign Wars Auxiliary. The ex-service men were presented with cake and candy.

February 17 and 26 — Washington's Birthday Parties for patient and employees.

March 10 — Comedy entitled "Correspondence Courtship" presented at the main hospital by the Christian Comrades of the Westville Congregational Church.

March 17 and 18 — St. Patrick's Parties for patients and employees.

April 13 and 14 — Easter Parties for patients and employees.

April 27 — Entertainment furnished by the Veterans of Foreign Wars Auxiliary.

May 6 — Play presented by the student nurses at the main hospital.

May 7 — Minstrel show presented at the main hospital by the Manchester Unity Lodge. I.O.M.U. of North Easton.

May 19 — Play "Lazy Moon Minstrels" presented at the Borden Colony. Entire cast was composed of patients.

May 25 — May Party for patients.

May 28 — Play "Lazy Moon Minstrels" presented at the Lovering Colony.

May 29 — Above play presented at the main hospital.

June 9 — Above play presented at the Foxboro State Hospital.

July 4 — Annual Field Day. A circus parade was held in the morning, the animals being constructed chiefly by the patients. Games and contests were held, and prizes were awarded to the winners. In the afternoon, a show was presented in the chapel by entertainers from White's Agency in Boston.

July 23 — Whist Party for patients.

August 5 — Amateur vaudeville show presented by the patients at the main hospital.

August 5 and 12 — A small orchestra group of women furnished concerts on the infirmary wards for the patients who are unable to come to the assembly hall for entertainments.

October 26 and 27 — Hallowe'en Parties for patients and employees.

November 24 — Thanksgiving Party for employees.

In addition to the above, weekly band concerts which were sponsored by the Works Progress Administration were held at each colony, and vaudeville shows sponsored by the Federal Theatre Project of Massachusetts, were presented at the main hospital. Motion pictures and dances were also held weekly at the main hospital except during the summer months.

The following is a report of the Occupational Therapy treatments for the year

<i>Cases</i>	<i>Number of</i>	<i>Cases</i>	<i>Number of</i>
Under treatment first of year	496	Discontinued	35
Admitted to classes during year	1,028	Discharged	120
Previously treated	541	Died	12
Not previously treated	487	Under treatment at end of year	480
Transferred	877	Under treatment during year	1,501

Articles Completed by Patients: 528 runners, 41 centerpieces, 27 doilies, 246 squares, 254 scarfs, 124 pillow tops, 3 pillow tops crayoned, 3 9-piece davenport sets, 31 face cloths, 2 chair sets, 17 table covers, 235 rugs, 29 pairs mittens, 69 shoulderettes, 1 jacket, 2 pairs slippers, 1 pair socks, 17 baskets, 3 checker boards, 1 lacquered box, 131 cords, 4 sachet bags, 6 dozen aprons, 2 quilt tops, 16 clown costumes, 54 vases, 212 dozen crepe paper flowers, 12 place mats. At Lovering Colony, the following were made: 179 runners, 32 centerpieces, 63 squares, 1 9-piece davenport set, 17 doilies, 3 chair back sets, 8 shoulderettes, 33 scarfs, 1 art square.

Miscellaneous: 27 fire certificates remounted, 90 posters made, 24 signs lettered, 50 bags of evergreen used in making Christmas decorations.

Book-binding: Book-binding was introduced into the Occupational Therapy Department as a craft adaptable to certain types of mental cases in the year 1932. In the beginning, this craft was taught to one male and one female patient, both of whom were people of education and book lovers. The man became so interested in it that later he was allowed to instruct a group of men who were interested in learning the craft, and for whom it held enough interest to be of therapeutic value. This instruction was given under the supervision of the occupational therapist.

in charge of the main class or workshop. New patients who were admitted to the class and who showed an interest in learning book-binding, were also taught the art. The first step was taking the magazines apart, sewing the signatures together on the wooden frames and then building up the backs of the books in the presses. The covers were made of four-ply backing board, covered with marbled paper, and vellum was used for the backs and corners. During the four years in which this occupation has been carried on, practically all of the medical magazines, accumulated over a long period of time, have been bound, and in addition, State Hospital Reports, Bulletins of the Department of Mental Diseases, Dental Magazines, Laboratory Reports, Occupational Therapy Magazines and Nursing Journals. In all, about six hundred and fifty volumes have been completed. In addition to the actual binding, a large number of books needing repairs have been mended. This craft has been found really worthwhile in creating an interest and forming an absorbing occupation, especially for our male patients.

During the year, the following books were bound: 117 medical journals, 13 dental magazines, 11 occupational therapy magazines, 29 hymnals, 22 autopsy reports, 24 annual reports of hospitals.

SCHOOL OF NURSING

Principal — Annie A. Hall, R.N.

The past year of the school has been a very active one, for in addition to the three year, the affiliate and postgraduate courses, much time was given to the instruction of attendant nurses. The addition of a number of untrained attendants when the eight hour day was instituted made a heavy enrollment for the attendants' course. This work, which at the time made exacting demands on the teaching staff, has been well worth the time and effort spent.

The total enrollment of the school was as follows: Senior students, 4; junior students, 10; affiliate students, 21; postgraduate students, 3; attendant nurses, 143 (82 women and 61 men). Eighty-seven completed the course for attendant nurses and thirty-three left the service before completion. Classroom instruction for student nurses totalled 1,260 hours and for attendant nurses, 318 hours.

The three months affiliation in psychiatric nursing has been extended to four months, and the six months postgraduate course to eight months. The affiliation of this school with the Boston City Hospital School of Nursing was terminated, as no class was admitted the preceding year. We are pleased to state that reciprocal affiliations have been arranged between this school and Saint Luke's Hospital School of Nursing, New Bedford, Mass. Students from this school affiliate twelve months for general nursing and Saint Luke's students for four months of psychiatric nursing. This affiliation, we believe, will be mutually beneficial. The seven students who completed the course in 1935 have successfully passed the State registration examinations, and five are members of the graduate nursing staff of the hospital. Active interest in matters related to the nursing profession has been maintained by the nursing staff, and all meetings of the District and State organizations have been well attended.

The Alumni has continued its interest in the school during the past year, and in many ways has stimulated the students to greater effort. Student nurses were invited to regular meetings. A banquet was given to the graduating class and a prize was awarded for the best theme on psychiatric nursing. A gift from the Alumni of \$150 towards the purchase of books for the new school library was received and is very much appreciated.

The completion of the new Hospital and Infirmary Buildings gives to the school the advantage of a modern and well equipped hospital, as well as a complete teaching unit consisting of lecture and demonstration rooms, science and dietetic laboratories and a school library. Each of these rooms provides adequate facilities for expansion of the nurse's education, and with well equipped wards, a higher degree of efficiency in nursing can be maintained.

For the interest and help which the Board of Trustees, members of the medical staff and other departments of the hospital have given to the school, we are ever mindful and sincerely appreciative.

RELIGIOUS SERVICES

As in former years, religious services are conducted weekly. Mass is celebrated at the main hospital and both colonies once a week for the benefit of the Catholic patients. There is a Protestant service held at the main hospital every Sunday afternoon, and other Protestant services are conducted at each colony. The Jewish patients meet with Rabbi Jonas Kamin each Sunday for their weekly services. The choirs participating are composed entirely of patients, with Miss Alta Densmore serving as director. The different clergymen have visited the hospital frequently and made numerous sick calls throughout the year, and we have always found them most cooperative.

The following clergymen have assisted us during the year: Reverends, Frederick W. Alden, Leroy Allen, Wilton E. Cross, Linton Dwyer, John Findlay, Cyril Hartman, Francis Maloney, Martin H. Medary, W. Douglas Swaffield, Arthur Tansey, M. P. Tobey, and Hansel Tower.

LIBRARY

Director — Charles St. Clair Wade, A. B., A. M.

The placing of current weekly and monthly magazines on the wards has had such good results that their number this year has been increased to fifty-three. The weekly changes are now proceeding regularly with only occasional friction. The returned magazines come back to the library in good condition, though with signs of having been well read. The returned magazines go regularly to the Tuberculosis wards. Gift magazines go once a week to the wards on which the current magazines in holders cannot be placed. The Illustrated London News, bound into light, easily handled volumes, have been well received as picture books on both the male and female services. Books are going at regular intervals to fourteen wards and both the Colonies.

Total number of books and bound magazines	5,878
Additions by purchase, books . . . 178	Books lost, male division . . . 1
Additions by gifts, books . . . 33	Books lost, female division . . . 12
Bound magazines, permanent . . . 32	Employees' library cards . . . 140
Bound magazines, temporary . . . 19	Total annual circulation . . . 8,631

The following persons contributed to our library during the past year: Mr. A. C. Bent, Mrs. Mary Besse, Mrs. J. Boyd, Miss K. L. Bragg, Mr. George Burt, Mr. E. Russell Davol, Mrs. Stanley Dean, Mrs. Elizabeth C. M. Gifford, Mrs. Marion Ham, Mrs. J. R. Hastings, Mrs. J. P. Hern, Mrs. E. Mercer, Mrs. Charles H. Merrill, Mrs. Ralph Nightingale, Mrs. J. Phipps, Mr. Walter E. Flummer, Mrs. E. D. Robinson, Miss Ruth Robinson, Mrs. Henry Slade, Mrs. Charles Simmons, Mrs. F. Smith, Mrs. T. W. Smith, Mrs. W. Ware, Mrs. N. Wright, Dr. William F. Wyatt.

MEDICAL LIBRARY

Director — Donald G. Henderson, M.D.

The medical library is still functioning in its old quarters, but is gradually approaching the time when more room will be necessary. This growth is commendable, and is due largely to the accumulation of bound volumes of the current medical journals. At the present time all back issues of these magazines are in book form, and from now on this work will be much lighter, as only about twenty-five new volumes will be bound each year.

The completeness of the section on Neurology and Psychiatry is evidenced by the fact that only eight new books have been added this year. A careful scrutiny of all new publications throughout the year reveals these are the only ones appropriate on these subjects, if too much overlapping of material is to be avoided.

New book ends have been constructed in the hospital metal working department, and their use on the shelves has greatly improved the general appearance of the library, as well as facilitating the care of the books themselves.

The contents of the entire library are now indexed in an approved card filing system which makes for more efficiency both in checking the books and in their use. This has necessitated a great deal of re-arrangement of the shelves but has produced a greater ease of selection.

It is to be hoped that in the near future some of the older, out-of-date books can be disposed of, and replaced by newer editions. These volumes are, for the most part, not concerned with Neurology and Psychiatry, and are not detrimental to the specialty with which this hospital is concerned, so their replacement is not a serious matter at the present time.

STEWARD'S DEPARTMENT

Steward — Frederick H. Bradford

Kitchen and Bakeshop: These units have continued to function with a minimum of difficulty and, we believe, with a maximum of enjoyment to those served. Miss Harriet Glover, dietitian, provides menus of wide varieties of foodstuffs, and these foods, under her direction, have been wholesomely prepared. The general set up of the patients' menu remains the same with one exception — that is, the addition to the noonday meal of either a jelly or fresh salad.

Our bakery products share equal honors with those of the kitchen, and due to their excellent qualities, are readily and eagerly consumed in our cafeterias.

The waste from our cafeterias continues to be of negligible character. A very careful record is noted of the food not consumed, so that in the making of future menus, the method of preparation will be changed or the food no longer served.

During the last months of this year, the consumption of various varieties of dishes has been tabulated with the thought of eliminating the running-out of a particular choice during the meal. This feature is of great importance if all are to be satisfied, but it must be carefully supervised to overcome too great an amount of left-overs. We believe that, with the usual consumption of a particular food-stuff known, we will be able to more successfully complete the meal.

The ice cream cabinet and coffee urns mentioned in last year's report were added to the kitchen during the past year. The ice cream cabinet is equipped with a thermostatic control which enables us to use it as both a hardening and a holding cabinet, a very desirable feature. The coffee urns are of the repouring type, and a marked improvement in the coffee flavor has been noted and commented upon since their installation.

Our plan of extending the cafeteria system of food service in our colonies materialized this year. These units, while not in operation as yet, will materially add to the enjoyment of meals by patients. In addition to the cafeteria equipment, hotel type gas ranges with hoods have been installed in both colonies, thereby increasing greatly the efficiency of the food service.

A report showing the number and varieties of products conserved in our canning department will be found in the report of the Farm. This unit completed a very successful year, and is to be congratulated on the grade of its canning and the small loss experienced.

Diet Kitchen — Miss Faith Holmes, assistant dietitian, while working under difficulties, has conducted this department in a very capable manner. At the present time, most of our patients requiring special diets are located in the infirmary buildings which are situated a great distance from the diet kitchens. The great lapse of time between the foodstuff leaving the top of the range and its ultimate consumption by the patients is a problem which will be eliminated next year, for at that time, these patients will be housed in our new hospital and infirmary building with its own kitchen close at hand.

A full report of the type and number of special diets prepared during this year follows:

Allergic (milk)	1,000	Liquid	365
Anemia	7,665	Low Protein	500
Diabetic	28,470	Reducing	1,095
Fat Free	3,285	Soft Solid	6,025
Gastric	8,760	Sick Employees	400
High Calcium	360	Supplementary	7,300
High Caloric	31,850		
Total			97,075

Laundry — This department operates under the most difficult conditions. The building itself is wholly inadequate in size, and the mechanical equipment is, for the most part, obsolete and in a very precarious condition. Great difficulty was

experienced in obtaining the proper employee to replace our former head laundryman, but Mr. Eugene St. Jacques who assumed the duties of that position early this year has conducted the work of the laundry capably. The total poundage of laundry work handled this year was 2,563,502 pounds, an increase of 386,336 pounds over the previous year.

Mr. Frank Roffey, Laundry Investigator for the Commonwealth, has continued his visits to this department, and has made many worthwhile suggestions for which we are extremely grateful.

The Band Box Dry Cleaning Unit has fulfilled our expectations and a total of 1,107 pieces of work were cleaned at a small cost.

Garage — No serious problems were presented by this department during the year. The total mileage run by all cars was 81,443 miles with very few mechanical difficulties. The outside mechanical equipment such as tractors, concrete mixers, lawn mowers, etc., have been taken care of as usual by this department. Snow removal from the streets of the main hospital and colonies was taken care of in a capable manner by the garage personnel.

Storeroom — This department under Mr. Albert Dorey, storekeeper, operates with a minimum of difficulty. The general condition of the stock as well as inventories have been checked frequently, and found to be in satisfactory condition. Very careful attention is paid to the type of merchandise received from the shipper, and when not up to the required specifications, it is promptly returned. Samples of contract foodstuffs and general merchandise have been regularly forwarded to the Purchasing Laboratory for analysis. The usual storage of foodstuffs which have a seasonal low price, has again been successfully accomplished, and as a result, much money has been saved. This year a total poundage of butter sufficient to last us for eight months was taken into storage in midsummer and is, at this late date, in as prime condition as when it was received.

Salvage Yard — The rate of turnover of materials in our salvage yard has been maintained at a satisfactory level, and the yard with its various activities, such as the baling of paper and rags, sharpening and repairing of tools, in conjunction with general blacksmithing work, operates satisfactorily. Our blacksmith has proven himself to be a master of the art of acetylene brazing, welding and cutting, and no work of this type has been done outside during the year.

Industrial Department — The shops in this department have continued to function satisfactorily during the year, and while the out-put has been about the same as in previous years, some changes in methods have been put into effect which we believe will be an improvement over what we have been doing in the past. A burnishing department was established and there is no doubt but that this will improve the condition of the metal we are now using in the kitchens and dining-rooms. A number of patients are employed daily in this department, and it is with a great deal of satisfaction that one watches the comfort they derive from having their time occupied.

Furniture Shop:

Made: — 14 door stops, 19 boxes, 35 racks, 24 wooden rings, 16 pairs blinds, 87 brushbacks, 22 frames, 22 sashes, 1 chair, 2 cradles, 11 thresholds, 8 stands, 2 trellises, 24 doors, 4 wardrobes, 36 screens.

Repaired: — 510 chairs, 125 tables, 282 locks, 39 keys, 256 windows, 198 screens, 348 doors, 5 trucks, 57 racks, 1 skylight, 3 ventilators, 24 blinds, 29 baskets, 62 trays, 17 wardrobes, 2 mirrors, 42 pairs scissors, 34 drawers, 2 ironing boards, 2 ice chests, 20 boxes, 23 toilet paper holders, 9 desks, 29 stepladders, 7 door stops, 6 beds, 22 sashes, 72 shelves, 11 bureaus, 1 fernery, 7 stands.

Industrial Shop:

Made: — 913 mattresses, 790 pillows, 708 brooms, 171 brushes, 25 rope mats, 1,863 metal letters, 48 wreaths, 68 pails, 2 metal containers, 4 metal covers, 1 metal funnel, 36 dust pans, 6 skimmers, 7 cans, 3 fern tins, 60 shades, 6 pan scrapers, 3 stove pipes, 49 book ends, 3 strainers, 1 tray.

Repaired: — 64 brushes, 56 cans, 22 covers, 13 containers, 37 cues, 10 dispensers, 24 tins, 4 doors, 2 colanders, 9 stampers, 9 strainers, 21 chairs, 2 hassocks, 8 ladles, 8 racks, 2 shelves, 1 table, 7 boilers, 1 pitcher, 1 sink, 2 tanks, 2 dippers, 2 wringers, 1 umbrella, 2 cabinets, 1 tub, 6 egg beaters, 1 shaker, 2 ice chests.

Upholstered: — 30 chairs, 5 sofas, 6 divans, 54 cushions, 2 day beds, 3 hassocks.
Caned: — 82 chairs.
Tagged and Stamped: — 34 food containers, 18 baking pans, 12 milk cans.

Tailor Shop:

Manufactured: — 186 woolen suits, 89 coats, 112 pairs pants, 68 jumpers, 151 pairs overalls, 139 bathrobes, 4 pairs pajamas, 12 skull caps, 31 window shades, 4 canvas covers, 3 pairs curtains, 252 rugs.

Repaired: — 1 cover, 1 carpet, 8 rugs, 3 coats.

Cleaned and Pressed: — 5,320 suits, 30 coats, 2 dresses.

Cleaned and Blocked: — 125 hats.

Miscellaneous: — 86 grommets put in tub covers, 17 grommets put in towels, 93 grommets put in bags.

Shoe Shop:

Manufactured: — 496 pairs men's shoes, 66 pairs women's shoes, 156 pairs slippers, 79 straps, 3 rubber aprons.

Repaired: — 4 baseball gloves, 4 pairs baseball shoes, 1 brief case, 2 pairs arches, 1 knee shield, 1 magazine binder, 2 harnesses, 1 leather case, 1 truss, 6 rubber aprons, 3 bags, 120 straps, 33 pairs overshoes, 1,550 pairs rubber heels put on, 335 pairs leather heels put on, 385 pairs nailed taps, 746 pairs sewed taps, 188 pairs rubber lifts, 603 pairs uppers patched, 353 pairs soles patched, 439 pairs rips sewed up, 378 pairs heel linings put in.

Sewing Room:

Manufactured: — 16,069 napkins, 1 bed cap, 5 pairs bed socks, 1,009 bibs, 28 binders, 231 pairs bloomers, 72 kitchen caps, 285 pairs curtains, 48 chair sets, 40 coffee bags, 3 cushion covers, 384 dresses, 5 pairs ether stockings, 186 face cloths, 24 glove cases, 34 surgical gowns, 90 hammocks, 279 head bands, 36 hot water bottle covers, 12 ice cap covers, 417 laundry bags, 29 manicure cases, 106 mattress ticks, 102 pairs mittens, 8 mop bags, 109 pan holders, 452 men's night shirts, 199 women's nightgowns, 6 screen covers, 20 pairs overdrapes, 6 pastry bags, 1 piano scarf, 1,727 pillow cases, 24 puff covers, 5,200 sheets, 503 men's shirts, 198 shrouds, 1,004 sick shirts, 4 slings, 243 slips, 10 sofa pillows, 421 table cloths, 135 pairs tie backs, 5,358 towels, 30 tub covers, 159 utility cases, 87 valances, 49 window shades.

Miscellaneous: — 58 bath blankets tagged, 198 bath towels tagged, 496 blankets hemmed, 48 blankets tagged, 50 coats stamped.

At Lovering Colony the following were made: 6 dresses, 92 laundry bags, 72 men's night shirts, 15 puffs, 48 table cloths, 35 men's sick shirts, 36 slips.

Mending Room:

Repaired: — 877 aprons, 181 bathrobes, 34 bed pan covers, 13 bibs, 263 blankets, 103 B.V.D., 204 coats, 101 curtains, 1,775 drawers, 7,529 dresses, 136 gowns, 5,863 laundry bags, 475 mattress ticks, 1,962 napkins, 6,129 night dresses, 275 overalls, 16 pairs pants, 314 pillow slips, 25 puffs, 12 scarfs, 1,761 sheets, 5,700 shirts, 2,333 women's slips, 598 spreads, 12,843 pairs stockings, 48 sweaters, 18 table cloths, 157 towels, 1,038 tub covers, 1,381 unionsuits, 3 flags.

FARM

Director — Mr. Fred Gullon

The past year has been a successful one on the farm — cost decreased and production increased. Our crops, with the exception of the mangle crop which failed to germinate either because of bad seed or unusual drought, were quite satisfactory, and the end of the year finds us with a generous supply of vegetables in our root cellars.

As has been our practice in previous years, we have canned all surplus vegetables, not suited to storage otherwise, and at the end of the canning season we had the following on hand: (No. 10 cans) 4,668 string beans, 305 beets, 3,812 carrots, 1,724 chard, 329 pumpkin, 865 sauerkraut, 79 gals. spinach, 8,802 gals. tomatoes, 5 gals. grape jelly, 36 gals. tomato juice, 270 gals. chili sauce, 270 gals. mustard pickle, 975 gals. piccallili, 125 gals. cucumber pickle, 250 gals. sweet pickles, a total of 23,568 gallons.

The production of our herd has remained about the same despite the fact that we have continued our efforts in controlling Bang's Disease which has seriously

interfered with the production during the last few years. The last test was quite favorable and we are hoping that our troubles in this direction will soon be over.

Our milk production has not been as heavy as we would have liked it to be, but we have had milk sufficient for our needs all the time.

The production of pork has been curtailed somewhat this year because of the lack of facilities for producing it. The time when the present piggery will have to be vacated is rapidly approaching, and as the industry is a profitable one, we hope that appropriations will make possible the relocation of this unit in the near future.

The hennery has continued to operate at a satisfactory profit, and the fresh eggs and meat supplied by it are invaluable in our diet. It is planned to increase the volume of business in the near future and we are hoping that the construction of a new brooder house will be made possible during the coming year.

The greenhouse has supplied the hospital with cut flowers and potted plants as usual. The land allotted to the raising of flowers was somewhat increased this year, and we hope to increase this industry further this coming year. At the present time we have on hand a good supply of shrubbery in our nursery which will soon be ready to move to permanent locations in the vicinity of our new buildings. The work on our shade trees and moth control has been continued, and a substantial amount of new lawn was created during the Spring and Summer.

Our orchards have recovered somewhat from the effects of the severe winters, and we had a fair crop of Fall apples which were very much enjoyed by everyone. Our small fruits were badly damaged by frost during the early Spring, and our raspberry and strawberry crops were small. We are making plans which we hope will serve to insure a good crop of these very important fruits every year.

The production of the farm is as follows: (in pounds) 564,426 milk, 13,863 beef, 1,756½ liver, 67,306 pork, 15,462¾ dozen eggs, 5,361 fowl, 76 chicken, 4,561½ broilers, 199,077 potatoes, 2,793 asparagus, 28,137 string beans, 2,170 lima beans, 1,352 shell beans, 25,281 beets, 2,693 broccoli, 143 brussels sprouts, 65,425 cabbage, 2,035 canteloupes, 70,581 carrots, 226 cauliflower, 1,383 celery, 43,289 swisschard, 17,989 sweet corn, 6,933 cucumbers, 2,801 egg plant, 4,793 lettuce, 35,544 onions, 22,400 parsnips, 2,268 green peas, 2,178 green peppers, 10,681 pumpkins, 1,317 radish, 4,419 rhubarb, 5,898 spinach, 15,992 summer squash, 82,021 winter squash, 122,689 green and ripe tomatoes, 81,104 turnips, 4,728 turnip greens, 62,200 ensilage, 80,600 green corn, 44 cherries, 633 grapes, 212 pears, 76 raspberries, 4,654 strawberries, 13,867 apples (1sts), 4,858 apples (2nds).

REPAIRS ORDINARY

In addition to the routine painting and general repairs, several larger projects have been undertaken by our repairs force during the year. The building at the Borden Colony which was formerly used as a smoking room and tool house combined has been converted into a very nice recreation room, by means of additions and renovations. This will add to the diversion at that colony which has always been quite inadequate. The kitchen at Borden Colony has had a new tile floor, and the walls have been replastered and the woodwork renewed. The horse barn has been converted in such a manner as to make it suitable for garage purposes.

A number of wooden floors throughout the institution have been taken up and relaid, and are now in very good condition.

We have also been accomplishing the changes recommended by the Fire Inspectors during the summer.

Much of our heating apparatus and electric wiring was installed a long time ago, and repairs necessary are quite heavy. This has required a great deal of the time of our mechanics.

REPAIRS AND RENEWALS

The following improvements were made possible under this heading during the past year.

Oil burners were installed in five officers' cottages and all the buildings at Lovering Colony. Both the heat and hot water are automatically controlled, and this should result in a saving of fuel. The elimination of coal dust will no doubt reduce the frequency of redecoration.

Cafeteria counters, gas toasters, gas ranges and hoods were installed in the kitchens at the colonies. This was badly needed, as the old equipment was worn

and quite inadequate. The cafeteria method of feeding will be inaugurated early in the coming year. This will make possible a menu similar to that now in use at the main hospital, and the choice of food will no doubt add greatly to the comfort of the patients.

A modern hardening cabinet was added to our ice cream equipment. The old cabinet had served for many years, and was in very poor condition.

Our paging system was renewed.

Linoleum floors were laid in the brick cottage at Borden Colony and on female ward nine. This has added much to the appearance of these places.

A laundry chute was installed in the West Godding Building. This was a much needed improvement, as the transportation of soiled clothing by way of the stairways was very undesirable.

A calculating machine was purchased for the steward's office.

A new ceiling was installed in male ward nine.

A small compressor for the purpose of cooling raw milk was installed in the dairy.

New coffee urns were purchased for the main kitchen. These urns are of the circulating type and make possible the elimination of the old hand turning method. A great improvement in the quality of the coffee produced has been noticed.

SPECIAL APPROPRIATIONS

Public Works Administration Project No. 4477 which included a hospital building and infirmary has been completed, and the equipment is now being received. It is hoped that these buildings will be ready for occupancy some time in the early Spring. At that time it will be possible to vacate our old infirmary buildings which are badly in need of renovation.

Public Works Administration Project No. 1148 — Boilers and Equipment — has been completed and our boiler house is now in good condition. The atmosphere there has been entirely changed by suitable painting and the absence of coal dust.

Public Works Administration Project No. 1139R — Nurses' Home — has been approved, and the foundation is now under construction. This building when completed will accommodate more than one hundred and fifty women employees. Most of these people are now quartered outside the hospital.

The following projects have been selected from the different items in our plans for the future development of the institution. All are badly needed and should be completed in the near future.

Power Plant Renewals and Rewiring:

Our present power plant was established more than thirty years ago, and while it is in very good running order, it will not furnish the electrical energy necessary to supply light and power to the new buildings recently completed; consequently, before these buildings can function, the generators, transformers and switchboard must be replaced. In addition, a new transmission line must be established between the power plant and the new group, and much of the wiring in the main building must be replaced. These buildings were wired more than thirty years ago, and the trunk lines which run from the power plant to the risers in the building are not encased in conduit, and most of them are within easy access to anyone who may be passing through the basement. This project is an absolute necessity.

Installation of Fire Alarm System:

At the present time the person who discovers a fire must call the telephone operator who spreads the alarm. This method has functioned satisfactorily for many years, but it is easy to see that valuable time might well be lost, and the installation of a modern system is recommended whereby the alarm is sounded in the building in which the fire is discovered, and warnings sent to the various floors needed in such an emergency, by the pulling of a fire box located on each ward, by the person discovering the fire.

Renovation of Bath and Toilet Sections on Male and Female Wards:

We have, in the past few years, succeeded in renovating the bath and toilet facilities on several of the wards, but the facilities on twelve wards are old, inadequate and insufficient. Most of these wards accommodate between fifty and sixty

patients, and are supplied with only one bath tub, three lavatories, and two water closets. This matter has been mentioned in several previous reports, and it is now strongly urged that an appropriation for this purpose be granted during the coming year.

Renovation of Male and Female Infirmaries:

The patients now occupying these buildings will be transferred to the new buildings when they are ready for occupancy early in the Spring. They were built about forty years ago, and may be considered very good second class buildings. It is proposed to replace the wooden floors with concrete and linoleum, and to renew the wiring and plumbing. This would put them in condition for many years service and render them practically fireproof. The best time to do this work is at the time the buildings are to be vacated, as it will not be possible to quarter any patients in them while the work is going on, and it can also be seen that it would not be profitable to permit them to stand unoccupied. This item should also receive careful attention.

Laundry Building and Equipment:

The condition of our laundry building and its equipment has been described in previous reports. The building is old and not properly equipped with elevators. In the past year, the additional work due to the increase in the number of patients cared for, as well as the new employees required by the forty-eight hour law, have served to accentuate the defects in an already overworked unit. The machines, with a few exceptions, must be replaced in the near future. The work now being done requires continuous performance, and it is difficult to see how new machinery can be installed without seriously interrupting the service; consequently, in view of the fact that the space in the present building can be used to advantage for other purposes, it is recommended that a new laundry building be erected and equipped with new machinery while the other laundry is still operating. Unless this project is given favorable consideration in the near future, it is feared that a very embarrassing emergency may arise.

Kitchen and Dining Room Building — Hospital Group:

This building was under consideration at the time the buildings recently completed were approved, but it could not be included in the program because of insufficient funds. Until such times as this building is erected, food for the patients quartered in the new group will have to be transported from the main group through a tunnel. This arrangement is not satisfactory, and should not exist longer than is absolutely necessary. In addition, the facilities in our employees' dining room are being used to their full capacity, and when the additional employees necessary to put these buildings into service become a part of our organization, it is difficult to determine just how we will manage to feed them. This project constitutes a very important link in the construction of the new hospital group and is deserving of careful attention.

Infirmiry Building — Hospital Group:

In the new hospital group, one unit consists of a hospital building and two infirmiry buildings. The hospital building and one of the infirmaries were completed during the last year, but it will not be possible for the unit to function properly until the second infirmiry is a reality. The hospital building is equipped with medical and surgical facilities, laboratories, quarters for sick employees and a training school for nurses, as well as two wards, one for men and one for women who are in need of medical and surgical attention. The infirmiry building has three wards for infirm patients and one ward for patients suffering from Tuberculosis. It will not be possible to use this ward in the infirmiry building recently completed for the purpose for which it was intended, as the space in the building will be needed for the infirm. This means that the present wards for the treatment of Tuberculosis will have to continue to function. If the percentage of patients of this type continues the same, the increase in population which is to be expected when the new buildings are ready for occupancy, the facilities of these wards will be exhausted, and suitable quarters for this type of patient do not seem to be available in other parts of the building. This alone makes the construction of this

building highly desirable. In addition, the percentage of infirm patients is constantly increasing, and the space which this building will afford for this type of patient is urgently needed.

Relocation of Farm Units Now Operating at the Main Hospital:

The piggery and the hennery have been located at the main group for many years. The site on which they now stand is entirely too near the new buildings recently completed, and the land available is no longer sufficient to accommodate the herd which it is necessary to maintain in order to supply the institution with pork. An excellent location for these units has been selected at our Borden Colony, and it is proposed to erect new buildings there. This new site is so located that our neighbors will not be offended in any way. The present piggery stands within the zone in which the raising of hogs is prohibited by a city ordinance. A root cellar and greenhouse are also included in this project, the facilities for both of these purposes having long since become inadequate. Vegetables are now stored in buildings occupied by employees, a highly undesirable practice. The old root cellars are located far from the place of consumption, necessitating transportation in the cold months which should be accomplished when the weather is good. To correct this, it is proposed to establish a new root cellar in the vicinity of the storehouse. Our greenhouse was created so many years ago that its maintenance is very expensive, and its capacity quite inadequate. It is also located on the site of the new administration building. It is without question, a part of the garden unit, and it is proposed to build a new greenhouse in the vicinity of the present hennery.

Colony Building for Patients:

The buildings at the Borden Colony are located near the entrance to the colony which is more than half a mile from the site of the proposed piggery and hennery. Patients who work on that part of the farm must walk that distance four times a day. This is a great hardship and should be corrected. In addition, a considerable number of patients will be employed around the piggery and the hennery. The construction of this building will remedy all these difficulties.

Establishment of a New Entrance on Bay Street:

For many years we have had under consideration the establishment of a new entrance on Bay Street which would not only render access to the hospital much easier for the public, but would also serve to eliminate much of the needless traffic which passes through our grounds. This project includes the purchase of real estate, the construction of a bridge across the Mill River and the necessary roads and sidewalks. This is a worthwhile project, and it is believed that the institution would be greatly benefited by its accomplishment.

WORKS PROGRESS ADMINISTRATION

The Works Progress Administration projects, approved last year, were completed during the past summer. Much valuable work has been accomplished, and many acres of land, well suited to farming purposes, are now available for cultivation.

Another project including roads, sidewalks and landscaping in the vicinity of the new buildings was approved late this year, and work will begin as early as possible in the Spring, as the improvements which it will make possible are very necessary, and the new buildings cannot well be used before they have been accomplished.

ACKNOWLEDGMENTS

I wish to express appreciation to all those who have contributed to the entertainment of our patients, to our Christmas Fund and to our library, also to the various city departments who have cooperated in every way, and to all those who are interested in the welfare of the hospital. To the members of the Board of Trustees and to all the employees, I am greatly indebted for their continued interest and cooperation.

Respectfully submitted,

RALPH M. CHAMBERS,

Superintendent.

VALUATION

November 30, 1936

REAL ESTATE

Land, 467.956 acres	\$62,075.00
Buildings and betterments	2,121,635.72

\$2,183,710.72

PERSONAL PROPERTY

Travel, transportation and office expenses	\$5,453.68
Food	13,944.39
Clothing and materials	22,302.46
Furnishings and household supplies	172,810.10
Medical and general care	17,394.67
Heat and other plant operation	441.12
Farm	43,523.19
Garage and grounds	6,268.97
Repairs	13,721.15

\$295,859.73

SUMMARY

Real estate	\$2,183,710.72
Personal property	295,859.73
	<hr/> \$2,479,570.45

FINANCIAL STATEMENT

To the Department of Mental Diseases:

I respectfully submit the following report of the finances of this institution for the year ending November 30, 1936.

STATEMENT OF EARNINGS

Board of Patients	\$53,463.49
Personal Services	166.00
Sales:	
Travel, transportation and office expenses	\$31.27
Food	414.54
Clothing and materials	40.71
Furnishings and household supplies	6.05
Medical and general care	3.50
Heat and other plant operations	1.10
Garage and grounds	2.57
Repairs ordinary	80.33
Farm: (Calves-pigs, \$179.82; hides and green bones, \$118.01; miscellaneous \$14.62)	312.45
Total Sales	<hr/> \$892.52
Miscellaneous:	
Interest on bank balances	\$92.87
Rents	1,388.50
Board of Employees	247.50
Miscellaneous	31.70
Reimbursement for glasses	1.34
Total Miscellaneous	<hr/> 56,283.92
Total Miscellaneous	1,761.91
Total earnings for the year	<hr/> \$56,283.92
Total cash receipts reverting and transferred to the State Treasurer	56,283.92

MAINTENANCE APPROPRIATION

Balance from previous year, brought forward	\$15,373.22
Appropriation, current year	649,935.00
Total	<hr/> \$665,308.22
Expenditures as follows:	
Personal services	\$366,586.92
Food	107,893.42
Medical and general care	11,505.94
Religious instruction	2,185.00
Farm	24,904.20
Heat and other plant operation	46,182.39
Travel, transportation and office expenses	6,034.41
Garage and ground: garage, \$3,193.30; grounds, \$1,601.33	4,794.63
Clothing and materials	11,494.78
Furnishings and household supplies	26,253.96
Repairs ordinary	13,375.57
Repairs and renewals	12,764.51
Total maintenance expenditures	<hr/> \$633,975.73
Balance of maintenance appropriation, November 30, 1936	<hr/> \$31,332.49
	<hr/> \$665,308.22

SPECIAL APPROPRIATIONS

Balance December 1, 1935, brought forward	\$831,942.26
Appropriations for current year	346,845.00
Total	\$1,178,787.26
Expended during the year	\$717,513.11
Reverting to Treasury of Commonwealth	717,513.11
Balance November 30, 1936 carried to next year.	\$461,274.15

APPROPRIATIONS	Act or Resolve Ch. — Yr.	Total Amount Appropriated	Expended during fiscal Year	Total Expended to to date	Balance at end of year
Mass. State Project M-47 PWA Docket 4477—Hospi- tal Building, Infirmary, etc.		\$1,046,000.00	\$618,479.20	\$930,301.02	\$115,698.98
Mass. State Project M-46 PWA Docket 5440 — Sprinklers		21,000.00	1,726.16	15,901.51	5,098.49
Mass. State Project M-106 PWA Docket 1148 — Boilers and Equipment		99,000.00	85,173.91	85,279.66	13,720.34
Mass. State Project M-107 PWA Docket 1139 — Nurses' Home		319,100.00	6,267.54	6,267.54	312,832.46
Laundry equipment	249-1935	6,100.00	5,866.30	5,866.30	233.70
Purchase of Land	249-1935	300.00	—	277.41	22.59
Purchase of Staples' Property	249-1935	3,100.00	—	3,077.41	22.59
Purchase of Laundry Equip- ment	304-1936	3,645.00	—	—	3,645.00
Renovation of Baths and Toilets	304-1936	10,000.00	—	—	10,000.00
		\$1,508,245.00	\$717,513.11	\$1,046,970.85	\$461,274.15

PER CAPITA

During the year the average number of patients has been, 1,584.
Total cost of maintenance, \$633,975 73.
Equal to a weekly per capita cost of (52 weeks to year), \$7.6969.
Total receipts for the year, \$56,283.92.
Equal to a weekly per capita of, \$.6833.
Total net cost of maintenance for year, \$577,691.81.
Net weekly per capita, \$7.0136.

Respectfully submitted,
YVONNE B. PATENAUDE,
Treasurer.

STATISTICAL TABLES

AS ADOPTED BY THE AMERICAN PSYCHIATRIC ASSOCIATION PRESCRIBED BY
THE MASSACHUSETTS DEPARTMENT OF MENTAL DISEASES

TABLE 1. General Information

(Data correct at end of institution year November 30, 1936)

Date of opening as a hospital for mental diseases, 1854.
Type of hospital: State.
Hospital plant:
Value of hospital property:
Real estate, including buildings \$2,183,710.72
Personal property 295,859.73
Total \$2,479,570.45

Total acreage of hospital property owned, 467.956.
Total acreage under cultivation during previous year, 202.956.

Officers and employees:

	Actually in Service at End of Year			Vacancies at End of Year		
	M.	F.	T.	M.	F.	T.
Superintendents	1	—	1	—	—	—
Assistant physicians	7	1	8	1	—	1
Total physicians	8	1	9	1	—	1
Stewards	1	—	1	—	—	—
Resident dentists	1	—	1	—	—	—
Pharmacists	—	1	1	—	—	—
Graduate nurses	5	22	27	—	—	—
Other nurses and attendants	107	99	206	4	10	14
Occupational therapists	—	5	5	—	—	—
Social Workers	—	3	3	—	—	—
All other officers and employees	76	64	140	2	5	7
Total officers and employees	198	195	393	7	15	22

Classification by Diagnosis September 30, 1936
Census of Patient Population at end of year:

	Actually in Hospital			Absent from Hospital but Still on Books		
	M.	F.	T.	M.	F.	T.
WHITE:						
Insane	776	788	1,564	101	110	211
Total	776	788	1,564	101	110	211
OTHER RACES:						
Insane	20	17	37	1	2	3
Total	20	17	37	1	2	3
Grand Total	796	805	1,601	102	112	214
	M.			F.		
Patients under treatment in occupational-therapy classes, including physical training, on date of report	100			150		
Other patients employed in general work of hospital on date of report	382			302		
Average daily number of all patients actually in hospital during year	775.7664			808.2340		
Voluntary patients admitted during year	7			4		
Persons given advice or treatment in out-patient clinics during year .	227			193		

TABLE 2. Movement of Patient Population for the Year Ended September 30, 1936
(Data in all of the following tables are based on the Statistical Year, October 1, 1935, to September 30, 1936)

	TOTAL			REGULAR COURT COMMITMENT (INSANE)			OBSERVATION			TEMPORARY CARE			VOLUNTARY		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Patients on books of institution September 30, 1935	907	925	1,832	902	919	1,821	2	2	4	2		2	1	4	5
Admissions during year:															
First admissions	266	203	469	199	175	374	27	13	40	39	13	52	1	2	3
Readmissions	59	43	102	32	32	64	8	3	11	13	6	19	6	2	8
Total admissions	325	246	571	231	207	438	35	16	51	52	19	71	7	4	11
Transfers from other mental hospitals	6	6	12	6	6	12									
Total received during year	331	252	583	237	213	450	35	16	51	52	19	71	7	4	11
Total on books during year	1,238	1,177	2,415	1,139	1,132	2,271	37	18	55	54	19	73	8	8	16
Discharged from books during year:															
As recovered	73	47	120	31	36	67	23	5	28	19	2	21		4	4
As improved	45	49	93	36	36	72	2	4	6	5	6	11	2	2	4
As unimproved	6	14	20	5	11	16				1	3	4			
As without psychosis	28	7	35	1		1	5	2	7	17	5	22	5		5
Total discharged to community	152	116	268	73	83	156	30	11	41	42	16	58	7	6	13
Transferred to other mental hospitals	70	54	124	70	54	124									
Died during year	118	90	208	102	81	183	6	6	12	10	3	13			
Total discharged, transferred and died during year	340	260	600	245	218	463	36	17	53	52	19	71	7	6	13
Patients remaining on books of hospital at end of year:															
In hospital	796	805	1,601	792	803	1,595	1	1	2	2		2	1	1	2
On parole or otherwise absent	102	112	214	102	112	214									
Total	898	917	1,815	894	915	1,809	1	1	2				1	1	2

SUPPLEMENTARY DATA

Average daily number of patients on books during year	M.	F.	T.
Actually in institution during year	873.75	930.26	1,804.01
In family care	774.11	809.71	1,583.82
On visit	60	3.01	3.61
On escape	97.30	117.52	214.82
Number of patients actually remaining in institution September 30, 1936:	1.73		1.73
State	756	698	1,454
Reimbursing	40	107	147
Ex-service patients paid by Federal Government	3		3
Number of patients in family care September 30, 1936:			
Private	1	2	3

NOTE. — The total females in the Insane and Voluntary groups will not balance through September 30, 1936, owing to the fact that one female had a change of legal status during the year from Voluntary to Court.

TABLE 3. *Nativity of First Admissions and of Parents of First Admissions*

NATIVITY	PATIENTS			PARENTS OF MALE PATIENTS			PARENTS OF FEMALE PATIENTS		
	M.	F.	T.	Fathers	Mothers	Both Parents	Fathers	Mothers	Both Parents
United States ¹	144	109	253	60	62	49	51	53	43
Austria	1	—	1	1	1	1	—	—	—
Canada ²	20	18	38	33	38	30	30	25	22
Czecho-Slovakia	—	1	1	—	—	—	1	1	1
England	5	9	14	14	12	8	13	14	10
Finland	1	2	3	4	4	4	2	3	2
France	—	—	—	2	—	—	—	—	—
Germany	2	1	3	3	3	2	3	2	1
Greece	—	—	—	1	1	1	—	—	—
Hungary	—	—	—	—	—	—	1	1	1
Ireland	3	10	13	22	19	16	24	28	21
Italy	3	5	8	6	6	6	9	8	8
Norway	1	—	1	1	2	1	—	—	—
Poland	1	2	3	2	2	2	5	5	5
Portugal	14	9	23	29	29	29	18	18	17
Russia	1	—	1	5	4	4	1	1	1
Scotland	—	6	6	2	2	1	8	7	6
Sweden	2	2	4	7	4	4	4	3	3
Turkey in Europe	—	1	1	—	—	—	1	1	1
Wales	—	—	—	—	1	—	—	—	—
Other Countries	1	—	1	3	3	3	—	—	—
Unknown	—	—	—	4	6	3	4	5	3
Total	199	175	374	199	199	164	175	175	145

¹Persons born in Hawaii, Porto Rico and the Virgin Islands should be recorded as born in the U. S.²Includes Newfoundland.

TABLE 5. *Citizenship of First Admissions*

	Males	Females	Total
Citizens by birth	144	109	253
Citizens by naturalization	25	28	53
Aliens	27	19	46
Citizenship unknown	3	19	22
Total	199	175	374

TABLE 6. *Race of First Admissions Classified with Reference to Principal Psychoses*

RACE	TOTAL			With syphilitic meningo-encephalitis			With other forms of syphilis			With epidemic encephalitis			Alcoholic psychoses		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
African (black)	—	2	2	—	—	—	—	—	—	—	—	—	—	—	—
English	54	34	88	1	—	1	1	—	1	—	—	—	5	—	5
Finnish	4	2	6	—	—	—	—	—	—	—	—	—	1	—	1
French	27	21	48	3	1	4	—	—	—	—	—	—	2	—	2
German	5	1	6	—	—	—	—	—	—	—	—	—	—	—	—
Greek	1	1	2	—	—	—	—	—	—	—	—	—	—	—	—
Hebrew	4	1	5	—	—	—	—	—	—	—	—	—	—	—	—
Irish	24	24	48	—	—	—	—	—	—	1	—	1	5	1	6
Italian ¹	7	8	15	1	—	1	—	—	—	—	—	—	—	—	—
Lithuanian	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—
Magyar	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—
Portuguese	29	19	48	6	2	8	1	—	1	—	—	—	1	—	1
Scandinavian ²	6	4	10	1	—	1	—	—	—	—	—	—	3	1	4
Scotch	3	8	11	—	—	—	—	—	—	—	—	—	1	—	1
Slavonic ³	3	6	9	—	—	—	—	—	—	—	—	—	1	—	1
Syrian	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—
Mixed	30	40	70	1	2	3	—	—	—	—	—	—	4	—	4
Race unknown	—	3	3	—	—	—	—	—	—	—	—	—	—	—	—
Total	199	175	374	13	5	18	2	—	2	1	—	1	23	2	25

TABLE 6. *Race of First Admissions Classified with Reference to Principal Psychoses — Continued*

RACE	Traumatic psychoses			With cerebral arterio-sclerosis			With convulsive disorders (epilepsy)			Senile psychoses			Involuntional psychoses		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
African (black)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
English	1	—	1	11	13	24	—	1	1	10	8	18	1	3	4
Finnish	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
French	—	—	—	3	5	8	1	—	1	2	1	3	2	2	4
German	—	—	—	2	1	3	—	—	—	1	—	1	—	—	—
Greek	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hebrew	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Irish	—	—	—	6	8	14	1	—	1	2	4	6	—	5	5
Italian ¹	—	—	—	2	2	4	—	—	—	—	—	—	1	1	2
Lithuanian	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Magyar	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Portuguese	—	—	—	5	2	7	2	1	3	—	—	—	1	1	2
Scandinavian ²	—	—	—	—	1	1	—	—	—	—	—	—	—	1	1
Scotch	—	—	—	1	7	8	—	—	—	—	—	—	—	—	—
Slavonic ³	—	1	1	—	—	—	—	—	—	—	—	—	1	—	1
Syrian	—	—	—	1	—	1	—	—	—	—	—	—	—	—	—
Mixed	—	—	—	9	5	14	—	—	—	1	4	5	—	5	5
Race unknown	—	—	—	—	1	1	—	—	—	—	1	1	—	—	—
Total	1	1	2	40	45	85	4	2	6	16	18	34	6	18	24

¹Includes "North" and "South".²Norwegians, Danes and Swedes.³Includes Bohemian, Bosnian, Croatian, Dalmatian, Herzegovinian, Montenegrin, Moravian, Polish, Russian, Ruthenian, Servian, Slovak, Slovenian.

TABLE 6. *Race of First Admissions Classified with Reference to Principal Psychoses — Continued*

RACE	Due to other metabolic diseases, etc.			Due to new growth			With organic changes of nervous system			Psycho-neuroses			Manic-depressive psychoses		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
African (black)	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-
English	1	-	1	1	-	1	2	1	3	3	1	4	5	4	9
Finnish	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
French	1	-	1	1	-	1	-	-	-	1	-	1	1	6	7
German	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Greek	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hebrew	-	-	-	-	-	-	-	-	-	1	-	1	-	1	1
Irish	-	-	-	-	-	-	1	-	1	-	1	1	2	2	4
Italian ¹	-	-	-	-	-	-	-	-	-	-	1	1	-	1	1
Lithuanian	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Magyar	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Portuguese	1	-	1	2	-	2	-	1	1	-	1	1	-	6	6
Scandinavian ²	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1
Scotch	-	-	-	-	-	-	-	1	1	-	-	-	1	-	1
Slavonic ³	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1
Mixed	-	1	1	-	-	-	1	-	1	2	3	5	4	5	9
Race unknown	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	4	2	6	4	-	4	4	3	7	7	8	15	13	28	41

TABLE 6. *Race of First Admissions Classified with Reference to Principal Psychoses — Concluded*

RACE	Dementia praecox			Paranoia and paranoid conditions			With psychopathic personality			With mental deficiency			Without psychoses		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
African (black)	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-
English	6	3	9	2	-	2	1	-	1	2	-	2	1	-	1
Finnish	3	2	5	-	-	-	-	-	-	-	-	-	-	-	-
French	8	5	13	-	-	-	-	-	-	2	1	3	-	-	-
German	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Greek	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-
Hebrew	2	-	2	-	-	-	-	-	-	1	-	1	-	-	-
Irish	4	3	7	1	-	1	-	-	-	1	-	1	-	-	-
Italian ¹	2	3	5	-	-	-	-	-	-	1	-	1	-	-	-
Lithuanian	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Magyar	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Portuguese	10	4	14	-	-	-	-	-	-	-	1	1	-	-	-
Scandinavian ²	-	-	-	2	-	2	-	-	-	-	-	-	-	-	-
Scotch	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Slavonic ³	-	3	3	-	-	-	-	-	-	1	-	1	-	-	-
Mixed	7	11	18	-	1	1	-	1	1	1	2	3	-	-	-
Race unknown	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-
Total	45	37	82	5	1	6	1	1	2	9	4	13	1	-	1

¹Includes "North" and "South".

²Norwegians, Danes and Swedes.

³Includes Bohemian, Bosnian, Croatian, Dalmatian, Herzegovinain, Montenegrin, Moravian, Polish, Russian, Ruthenian, Servian, Slovak, Slovenian.

TABLE 7. *Age of First Admissions Classified with Reference to Principal Psychoses*

PSYCHOSES	TOTAL			0-14 years			15-19 years			20-24 years			25-29 years		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encephalitis	13	5	18	-	-	-	-	-	-	-	-	-	-	-	-
With other forms of syphilis	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-
With epidemic encephalitis	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Alcoholic psychoses	23	2	25	-	-	-	-	-	-	-	-	-	-	-	-
Traumatic psychoses	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-
With cerebral arteriosclerosis	40	45	85	-	-	-	-	-	-	-	-	-	-	-	-
With convulsive disorders (epil.)	4	2	6	-	-	-	1	-	1	-	1	1	-	-	-
Senile psychoses	16	18	34	-	-	-	-	-	-	-	-	-	-	-	-
Involuntary psychoses	6	18	24	-	-	-	-	-	-	-	-	-	-	-	-
Due to other metabolic diseases, etc.	4	2	6	-	-	-	-	-	-	-	-	-	-	1	1
Due to new growth	4	-	4	-	-	-	-	-	-	1	-	1	-	-	-
With organic changes of nervous system	4	3	7	-	-	-	-	1	1	-	-	-	1	-	1
Psychoneuroses	7	8	15	-	-	-	-	-	-	1	1	2	-	1	1
Manic-depressive psychoses	13	28	41	-	-	-	2	2	4	1	4	5	1	6	7
Dementia praecox	45	37	82	-	-	-	6	5	11	13	3	16	9	9	18
Paranoia and paranoid conditions	5	1	6	-	-	-	-	-	-	-	-	-	-	-	-
With psychopathic personality	1	1	2	-	-	-	-	-	-	-	1	1	-	-	-
With mental deficiency	9	4	13	-	1	1	1	-	1	1	-	1	1	-	1
Without psychoses	1	-	1	1	-	1	-	-	-	-	-	-	-	-	-
Total	199	175	374	1	1	2	10	8	18	17	10	27	12	17	29

TABLE 7. *Age of First Admissions Classified with Reference to Principal Psychoses — Continued*

PSYCHOSES	30-34 years			35-39 years			40-44 years			45-49 years			50-54 years			55-59 years		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encephalitis	1	-	1	-	1	1	5	-	5	1	1	2	2	-	2	3	3	6
With other forms of syphilis	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-
With epidemic encephalitis	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-
Alcoholic psychoses	3	1	4	3	-	3	4	-	4	5	-	5	2	-	2	1	-	1
Traumatic psychoses	-	-	-	-	-	-	-	-	-	1	1	2	-	-	-	-	-	-
With cerebral arteriosclerosis	-	-	-	-	-	-	-	-	-	1	-	1	2	-	2	2	7	9
With convulsive disorders (epil.)	2	1	3	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-
Senile psychoses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Involuntary psychoses	-	-	-	-	1	1	-	4	4	1	2	3	2	5	7	2	5	7
Due to other metabolic diseases, etc.	-	-	-	-	1	1	-	-	-	2	-	2	-	-	-	-	-	-
Due to new growth	-	-	-	-	-	-	-	-	-	1	-	1	2	-	2	-	-	-
With organic changes of nervous system	-	-	-	-	-	-	-	-	-	-	1	1	-	1	1	1	-	1
Psychoneuroses	-	2	2	-	1	1	-	-	-	2	1	3	2	1	3	2	1	3
Manic-depressive psychoses	-	6	6	3	3	6	-	4	4	2	1	3	-	1	1	-	-	-
Dementia praecox	9	5	14	2	9	11	2	3	5	2	1	3	1	2	3	1	-	1
Paranoia and paranoid conditions	-	-	-	1	-	1	-	-	-	2	-	2	1	-	1	1	-	1
With psychopathic personality	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
With mental deficiency	1	-	1	1	1	2	3	2	5	-	-	-	-	-	-	1	-	1
Without psychoses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	16	15	31	10	17	27	15	13	28	20	8	28	16	10	26	14	16	30

TABLE 7. Age of First Admissions Classified with Reference to Principal Psychoses — Concluded

PSYCHOSES	60-64 years			65-69 years			70-74 years			75-79 years			80-84 years			85 years and over		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encephalitis	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
With other forms of syphilis	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
With epidemice encephalitis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Alcoholic psychoses	5	-	5	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Traumatic psychoses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
With cerebral arteriosclerosis	8	11	19	6	9	15	12	7	19	3	6	9	2	3	5	4	2	6
With convulsive disorders (epil.)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Senile psychoses	-	1	1	-	1	1	3	8	11	4	2	6	6	1	7	3	5	8
Involutional psychoses	-	-	-	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-
Due to other metabolic diseases, etc.	1	-	1	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-
Due to new growth	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
With organic changes of nervous system	1	-	1	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-
Psychoneuroses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manic-depressive psychoses	3	1	4	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Dementia praecox	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Paranoia and paranoid conditions	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
With psychopathic personality	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
With mental deficiency	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Without psychoses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	20	14	34	9	12	21	17	15	32	7	8	15	8	4	12	7	7	14

TABLE 8. Degree of Education of First Admissions Classified with Reference to Principal Psychoses

PSYCHOSES	TOTAL			Illiterate			Reads and Writes			Common School			High School			College			Unknown		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encephalitis	13	5	18	3	1	4	2	1	3	8	3	11	-	-	-	-	-	-	-	-	-
With other forms of syphilis	2	-	2	-	-	-	1	-	1	1	-	1	-	-	-	-	-	-	-	-	-
With epidemic encephalitis	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Alcoholic psychoses	23	2	25	-	-	-	-	-	-	21	1	22	1	1	2	2	-	-	-	-	-
Traumatic psychoses	1	1	2	1	-	1	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
With cerebral arteriosclerosis	40	45	85	5	2	7	-	7	7	26	30	56	5	5	10	1	1	2	3	1	4
With convulsive disorders (epilepsy)	4	2	6	-	-	-	-	-	-	2	2	4	2	2	4	1	1	2	-	-	-
Senile psychoses	16	18	34	1	1	2	2	-	2	11	12	23	1	3	4	1	1	2	1	1	1
Involuntary psychoses	6	18	24	-	-	-	1	-	1	4	13	17	1	2	3	-	3	3	-	-	-
Due to other metabolic diseases, etc.	4	2	6	1	-	1	1	-	1	2	2	4	-	-	-	-	-	-	-	-	-
Due to new growth	4	-	4	-	-	-	-	-	-	4	-	4	-	-	-	-	-	-	-	-	-
With organic changes of nervous system	4	3	7	-	-	-	-	-	-	2	2	4	2	1	3	-	-	-	-	-	-
Psychoneuroses	7	8	15	-	-	-	-	-	-	6	3	9	3	4	5	-	1	1	-	-	-
Manic-depressive psychoses	13	28	41	-	-	-	-	3	3	8	15	23	3	8	11	2	2	4	-	-	-
Dementia praecox	45	37	82	-	-	-	1	-	1	31	25	56	9	10	19	4	2	6	-	-	-
Paranoia and paranoid conditions	5	1	6	-	-	-	-	-	-	3	1	4	2	-	2	-	-	-	-	-	-
With psychopathic personality	1	1	2	-	-	-	-	-	-	1	1	2	-	-	-	-	-	-	-	-	-
With mental deficiency	9	4	13	2	1	3	1	1	2	6	2	8	-	-	-	-	-	-	-	-	-
Without psychoses	1	-	1	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	199	175	374	14	5	19	9	12	21	137	113	250	26	34	60	10	9	19	3	2	5

TABLE 9. *Environment of First Admissions Classified with Reference to Principal Psychoses*

PSYCHOSES	TOTAL			0-2,499		2,500-9,999		10,000-24,999		25,000-49,999		50,000-99,999		100,000-249,999		500,000+		Unknown
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encephalitis	13	5	18	-	-	-	1	1	2	2	-	2	7	3	10	-	-	-
With other forms of syphilis	2	-	2	-	1	1	-	-	-	-	-	-	1	-	1	-	-	-
With epidemic encephalitis	1	-	1	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-
Alcoholic psychoses	23	2	25	1	-	-	-	6	-	-	-	5	10	1	11	-	1	-
Traumatic psychoses	1	1	2	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
With cerebral arteriosclerosis	40	45	85	2	12	14	26	6	3	4	6	6	10	13	23	-	-	-
With convulsive disorders (epilepsy)	16	18	34	-	7	5	12	-	-	1	2	1	3	1	4	-	-	-
Senile psychoses	6	18	24	3	1	4	5	1	3	1	2	-	4	5	9	-	-	-
Involitional psychoses	4	2	6	-	4	1	1	1	5	1	1	2	1	6	7	-	-	-
Due to other metabolic diseases, etc.	4	4	8	-	-	-	-	-	-	1	-	-	-	1	1	-	-	-
Due to new growth	4	3	7	1	1	1	2	1	-	-	-	1	3	1	3	-	-	-
With organic changes of nervous system	4	8	12	1	2	3	5	1	2	-	1	1	2	2	3	-	-	-
Psychoneuroses	7	15	22	1	2	3	4	1	2	1	1	1	2	2	4	-	-	-
Manic-depressive psychoses	13	28	41	-	6	8	14	3	3	5	3	3	1	8	12	-	1	1
Dementia praecox	45	37	82	5	2	7	14	5	4	2	7	3	5	16	40	1	1	1
Paranoia and paranoid conditions	5	1	6	1	-	-	-	1	1	1	2	1	1	2	3	-	-	-
With psychopathic personality	1	1	2	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-
With mental deficiency	9	4	13	-	2	2	4	3	-	-	-	-	1	1	5	-	-	-
Without psychoses	1	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	199	175	374	14	44	58	91	30	21	51	12	25	72	60	132	1	3	4

TABLE 10. *Economic Condition of First Admissions Classified with Reference to Principal Psychoses*

PSYCHOSES	TOTAL			Dependent			Marginal			Comfortable		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encephalitis	13	5	18	6	3	9	7	1	8	—	1	1
With other forms of syphilis	2	—	2	1	—	1	1	—	1	—	—	—
With epidemic encephalitis	1	—	1	1	—	1	—	—	—	—	—	—
Alcoholic psychoses	23	2	25	10	2	12	12	—	12	1	—	1
Traumatic psychoses	1	1	2	1	1	2	—	—	—	—	—	—
With cerebral arteriosclerosis	40	45	85	24	22	46	9	16	25	7	7	14
With convulsive disorders (epilepsy)	4	2	6	3	—	3	1	2	3	—	—	—
Senile psychoses	16	18	34	8	12	20	3	5	8	5	1	6
Involucional psychoses	6	18	24	3	6	9	3	11	14	—	1	1
Due to other metabolic diseases, etc.	4	2	6	1	1	2	2	1	3	1	—	1
Due to new growth	4	—	4	2	—	2	2	—	2	—	—	—
With organic changes of nervous system	4	3	7	2	1	3	2	2	4	—	—	—
Psychoneuroses	7	8	15	6	3	9	1	5	6	—	—	—
Manic-depressive psychoses	13	28	41	2	6	8	10	20	30	1	2	3
Dementia praecox	45	37	82	19	15	34	26	20	46	—	2	2
Paranoia and paranoid conditions	5	1	6	4	—	4	1	1	2	—	—	—
With psychopathic personality	1	1	2	—	1	1	1	—	1	—	—	—
With mental deficiency	9	4	13	8	2	10	1	2	3	—	—	—
Without psychoses	1	—	1	—	—	—	1	—	1	—	—	—
Total	199	175	374	101	75	176	83	86	169	15	14	29

TABLE 11. *Use of Alcohol by First Admissions Classified with Reference to Principal Psychoses*

PSYCHOSES	TOTAL			Abstinent			Temperate			Intemperate			Unknown		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encephalitis	13	5	18	—	4	4	10	1	11	3	—	3	—	—	—
With other forms of syphilis	2	—	2	—	—	—	1	—	1	1	—	1	—	—	—
With epidemic encephalitis	1	—	1	1	—	1	—	—	—	—	—	—	—	—	—
Alcoholic psychoses	23	2	25	—	—	—	—	—	—	23	2	25	—	—	—
Traumatic psychoses	1	1	2	—	1	1	1	—	1	—	—	—	—	—	—
With cerebral arteriosclerosis	40	45	85	18	41	59	14	2	16	8	2	10	—	—	—
With convulsive disorders (epilepsy)	4	2	6	4	2	6	—	—	—	—	—	—	—	—	—
Senile psychoses	16	18	34	8	15	23	6	3	9	2	—	2	—	—	—
Involucional psychoses	6	18	24	2	16	18	3	2	5	1	—	1	—	—	—
Due to other metabolic diseases, etc.	4	2	6	2	—	2	2	—	2	—	2	2	—	—	—
Due to new growth	4	—	4	1	—	1	2	—	2	1	—	1	—	—	—
With organic changes of nervous system	4	3	7	3	3	6	1	—	1	—	—	—	—	—	—
Psychoneuroses	7	8	15	3	4	7	4	3	7	—	1	1	—	—	—
Manic-depressive psychoses	13	28	41	7	21	28	4	6	10	2	—	2	—	1	1
Dementia praecox	45	37	82	19	25	44	24	11	35	2	1	3	—	—	—
Paranoia and paranoid conditions	5	1	6	2	1	3	3	—	3	—	—	—	—	—	—
With psychopathic personality	1	1	2	—	1	1	—	—	—	1	—	1	—	—	—
With mental deficiency	9	4	13	6	3	9	3	—	3	—	1	1	—	—	—
Without psychoses	1	—	1	1	—	1	—	—	—	—	—	—	—	—	—
Total	199	175	374	77	137	214	78	28	106	44	9	53	—	1	1

TABLE 13. *Mental Disorders of All Admissions, All Discharges, All Deaths 1936, All Cases in Residence and All Cases Out on September 30, 1936, by Status of Admission and Sex*

	ALL ADMISSIONS			ALL DISCHARGES			ALL DEATHS			RESIDENT POPULATION			PATIENTS OUT ON VISIT ETC.		
	First Admissions		Read-missions	First Admissions		Read-missions	First Admissions		Read-missions	First Admissions		Read-missions	First Admissions		Read-missions
	M. F. T.	M. F. T.		M. F. T.	M. F. T.		M. F. T.	M. F. T.		M. F. T.	M. F. T.		M. F. T.	M. F. T.	M. F. T.
<i>Psychoses Due to or Associated with Infection:</i>															
Syphilis of the Central Nervous System:															
Meningo-encephalitic type (general paresis) . . .	15	5	20	3	1	4	1	1	2	10	4	14	1	—	1
Meningo-vascular type (cerebral syphilis) . . .	2	—	2	—	—	—	—	—	—	4	—	4	—	—	—
Other types . . .	1	—	1	—	—	—	—	—	—	1	2	3	2	—	—
With epidemic encephalitis . . .	—	1	1	—	1	1	—	1	1	—	1	1	—	—	—
With other infectious disease . . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
<i>Psychoses Due to Intoxication:</i>															
Due to Alcohol:															
Pathological intoxication . . .	5	—	5	1	—	1	—	1	5	—	—	—	—	1	—
Delirium tremens . . .	22	2	24	5	—	6	—	6	24	1	—	1	—	4	1
Korsakow's psychosis . . .	5	—	5	—	1	1	—	1	1	15	—	15	—	1	—
Acute hallucinosis . . .	8	2	10	—	—	—	—	—	2	7	1	8	4	—	—
Other types . . .	8	1	9	1	1	2	—	2	6	47	9	56	15	7	1
Due to Drugs or Other Exogenous Poisons:															
Due to opium and derivatives . . .	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—
Due to other drugs . . .	—	—	—	—	—	1	—	1	—	—	—	—	—	—	—
<i>Psychoses Due to Trauma:</i>															
Traumatic delirium . . .	1	—	1	—	—	—	—	—	1	—	—	—	1	—	—
Post-traumatic personality disorders . . .	—	—	—	—	—	—	—	—	—	1	1	2	—	—	—
Post-traumatic mental deterioration . . .	—	1	1	—	—	—	—	—	—	3	2	5	—	1	1
<i>Psychoses Due to Disturbance of Circulation:</i>															
With cerebral arteriosclerosis . . .	46	49	95	3	2	5	2	2	4	37	30	67	4	3	7
With cerebral embolism . . .	—	—	—	—	—	—	—	—	—	2	—	2	—	—	—
With cardio-renal disease . . .	—	—	—	—	—	—	—	—	—	—	1	1	—	—	—
Other types . . .	—	—	—	—	—	—	—	—	—	2	—	2	—	—	—
<i>Psychoses Due to Convulsive Disorders (Epilepsy):</i>															
Epileptic deterioration . . .	2	1	3	—	1	1	1	1	2	2	—	2	—	2	—
Epileptic clouded states . . .	2	1	3	1	—	1	—	—	1	2	1	3	—	1	—

TABLE 13. *Mental Disorders of All Admissions, All Discharges, All Deaths, 1936, All Cases in Residence and All Cases Out on September 30, 1936, by Status of Admission and Sex — Concluded*

	ALL ADMISSIONS			ALL DISCHARGES			ALL DEATHS			RESIDENT POPULATION			PATIENTS OUT ON VISIT ETC.		
	First Admissions		Readmissions	First Admissions		Readmissions	First Admissions		Readmissions	First Admissions		Readmissions	First Admissions		Readmissions
	M.	F.		M.	F.		M.	F.		M.	F.		M.	F.	
Mixed type	1	3	4	-	3	3	-	1	1	2	12	14	-	3	4
Perplexed type	-	4	4	-	-	-	-	-	-	-	4	4	-	1	1
Stuporous type	1	1	2	-	-	-	-	-	-	1	1	2	-	-	-
Dementia praecox (schizophrenia):															
Simple type	3	7	10	2	1	3	1	-	1	13	12	26	3	4	7
Hebephrenic type	7	2	9	2	2	4	2	-	2	54	48	102	7	2	9
Catatonic type	21	13	34	6	7	13	6	1	7	61	72	133	12	12	24
Paranoid type	15	16	31	5	5	10	3	8	11	118	136	254	4	7	11
Other types	1	1	2	-	1	1	-	-	-	-	-	-	-	1	1
Paranoid conditions	5	1	6	-	2	4	-	-	-	16	18	34	1	3	4
With psychopathic personality	4	2	6	3	1	4	-	-	-	5	1	6	-	-	-
With mental deficiency:															
Idiot	4	-	4	-	-	-	1	-	1	11	3	14	-	-	-
Imbecile	1	3	4	2	1	3	-	1	1	31	21	52	-	2	2
Moron	6	1	7	5	1	6	-	1	1	16	5	21	2	1	3
Unknown	-	-	-	-	-	-	-	-	-	2	2	4	-	-	-
Without Psychosis:															
Alcoholism	8	-	8	3	8	-	-	-	-	-	-	-	-	-	-
Psychopathic personality:															
With pathological emotionality	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-
With asocial or amoral trends	1	2	3	3	1	4	-	-	-	-	-	-	-	-	-
Epilepsy	-	1	1	1	1	1	-	-	-	-	-	-	-	-	-
Mental deficiency:															
Imbecile	2	-	2	-	2	-	-	-	-	-	-	-	-	-	-
Moron	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Epilepsy and mental deficiency:															
Other non-psychotic diseases or conditions	2	-	2	1	-	1	-	-	-	-	-	-	-	-	-
No other condition	3	2	5	1	2	3	-	-	-	-	-	-	-	-	-
Grand Total	266	203	469	59	43	102	106	80	186	605	592	1,197	191	213	404
							46	36	82	14	15	29	78	89	167
													24	23	47

NOTE: — Admissions and discharges do not include transfers.

TABLE 14. Discharges of Patients Classified with Reference to Principal Psychoses and Condition on Discharge

PSYCHOSES	TOTAL			Recovered			Improved			Unimproved		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encephalitis	-	1	1	-	-	-	-	1	1	-	-	-
With epidemic encephalitis	1	-	1	-	-	-	-	-	-	-	-	-
With other infectious diseases.	-	1	1	-	1	1	1	-	1	-	-	-
Alcoholic psychoses	14	3	17	10	2	12	3	1	4	1	-	1
Due to drugs, etc.	1	1	2	1	-	1	-	-	-	-	1	1
Traumatic psychoses	1	-	1	-	-	-	-	-	-	-	-	-
With cerebral arteriosclerosis	9	6	15	1	1	2	5	4	9	3	1	4
With other disturbances of circulation	-	2	2	-	2	2	-	-	-	-	-	-
With convulsive disorders (epilepsy)	2	1	3	-	-	-	2	-	2	-	1	1
Senile psychoses	-	2	2	-	-	-	-	2	2	-	-	-
Involucional psychoses	5	14	19	4	8	12	1	5	6	-	1	1
Due to other metabolic diseases, etc.	-	2	2	-	1	1	-	1	1	-	-	-
With organic changes of nervous system	-	2	2	-	1	1	-	1	1	-	-	-
Psychoneuroses	1	3	4	1	2	3	-	-	-	-	1	1
Manic-depressive psychoses	10	19	29	7	14	21	2	5	7	1	-	1
Dementia praecox	21	22	43	3	3	6	18	13	31	-	6	6
Paranoia and paranoid conditions	2	2	4	-	-	-	2	2	4	-	-	-
With psychopathic personality	1	-	1	1	-	1	-	-	-	-	-	-
With mental deficiency	4	2	6	3	1	4	1	1	2	-	-	-
Without psychoses	1	-	1	-	-	-	-	-	-	-	-	-
Total	73	83	156	31	36	67	36	36	72	5	11	16

TABLE 15. Hospital Residence during This Admission of Court First Admissions Discharged during 1936

PSYCHOSES	Number			Average Net Hospital Residence in Years		
	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encephalitis	-	1	1	-	.94	.94
With other infectious diseases	-	1	1	-	.54	.54
Alcoholic psychoses	12	3	15	.34	1.24	.52
Traumatic psychoses	1	-	1	.37	-	.37
With cerebral arteriosclerosis	7	4	11	.17	1.04	.48
With other disturbances of circulation	-	2	2	-	.33	.33
With convulsive disorders (epilepsy)	1	1	2	.62	.37	.49
Senile psychoses	-	2	2	-	.16	.16
Involucional psychoses	2	14	16	.89	.71	.73
Due to other metabolic diseases, etc.	-	2	2	-	3.89	3.89
With organic changes of nervous system	-	1	1	-	.87	.87
Psychoneuroses	1	2	3	.12	.12	.12
Manic-depressive psychoses	6	9	15	1.27	.97	1.09
Dementia praecox	15	13	28	.62	1.90	1.22
Paranoia and paranoid conditions	2	2	4	2.68	.45	1.57
With psychopathic personality	1	-	1	.04	-	.04
With mental deficiency	4	1	5	1.02	.29	.87
Without psychoses	1	-	1	.46	-	.46
Total	53	58	111	.66	1.11	.89

TABLE 16. Causes of Death of Patients Classified with Reference to Principal Mental Disorders — Concluded

CAUSES OF DEATH	Invol- tional psychoses		Due to other metabolic diseases, etc.		Due to new growth		With organic changes of nervous system		Psycho- neuroses		Manic- depressive psychoses		Dementia praecox		Paranoia and paranoid conditions		With mental deficiency	
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
<i>Infectious and Parasitic Diseases:</i>																		
Tuberculosis of the respiratory system	-	-	-	-	-	-	-	-	-	-	-	-	6	1	7	-	-	-
Syphilis (non-nervous forms)	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Furulent infection, septicaemia (non-puerperal)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Cancer and Other Tumors:</i>																		
Cancer and other malignant tumors	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-
Tumor (non-cancerous)	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-
<i>Rheumatic Diseases, Nutritional Diseases, Diseases of the Endocrine Glands and and Other General Diseases:</i>																		
Diabetes	-	-	-	-	-	-	-	-	-	-	1	1	2	-	-	-	-	-
Other diseases	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Diseases of the Nervous System and Organs of Special Sense:</i>																		
Other diseases of the spinal cord	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-
Cerebral hemorrhage	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-
Cerebral embolism and thrombosis	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-
General paralysis of the insane	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dementia praecox and other psychoses	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-
Epilepsy	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-
Other diseases of the nervous system	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-
<i>Diseases of the Circulatory System:</i>																		
Chronic endocarditis (valvular disease)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diseases of the myocardium	3	3	-	2	2	-	1	-	1	-	2	2	1	5	6	1	1	-
Diseases of the coronary arteries and angina pectoris	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-
Other diseases of the heart	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Arteriosclerosis	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Other diseases	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Diseases of the Respiratory System:</i>																		
Bronchitis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bronchopneumonia (including capillary bronchitis)	1	1	2	1	1	2	1	-	1	-	1	1	1	-	1	1	2	-
Lobar pneumonia	-	-	-	1	-	1	-	-	-	-	-	-	1	-	1	-	-	-
Pleurisy	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other diseases (tuberculosis excepted)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Diseases of the Digestive System:</i>																		
Appendicitis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cirrhosis of the liver	-	-	-	1	-	1	-	-	-	-	-	-	1	-	1	-	-	-

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	Total
Nephritis (acute, chronic and unspecified)	
Diseases of the Skin and Cellular Tissue:	
Semility:	
Violent and Accidental Deaths:	
Suicide	
Conflagration and accidental burns	
Accidental traumatism	
Other external causes	
Ill-Defined Causes of Death:	
Total	3	6	9	4	5	9	2	-	2	2	-	2	2	-	2	1	1	1	1	1	25

TABLE 18: Total Duration of Hospital Life of Patients Dying in Hospital Classified According to Principal Psychoses

PSYCHOSES	TOTAL			Less than 1 month			1-3 months			4-7 months			8-12 months			1-2 years			3-4 years		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encephalitis	10	4	14	-	-	-	3	-	3	3	2	5	2	1	3	1	1	2	1	-	1
With other forms of syphilis	2	-	2	1	-	1	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-
Alcoholic psychoses	5	-	5	1	-	1	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-
Traumatic psychoses	1	-	1	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-
With cerebral arterio-sclerosis	36	30	66	8	4	12	7	13	20	1	2	3	5	3	8	8	3	11	2	2	4
With convulsive disorders (epilepsy)	4	1	5	5	-	1	3	1	1	2	-	2	-	-	-	1	-	1	-	-	-
Senile psychoses	17	15	32	3	3	6	3	1	4	2	1	3	2	-	2	5	4	9	2	2	4
Involuntary psychoses	3	6	9	1	-	1	2	2	1	1	1	2	-	-	-	-	1	1	-	-	-
Due to other metabolic diseases, etc.	4	5	9	2	-	2	2	-	2	-	1	1	-	-	-	-	2	2	-	-	-
Due to new growth	2	-	2	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
With organic changes of nervous system	2	-	2	1	-	1	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-
Psychoneuroses	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-
Manic-depressive psychoses	1	5	6	-	-	-	-	-	-	-	1	1	-	1	1	-	-	-	1	1	2
Dementia praecox	14	11	25	2	1	3	-	-	-	-	-	-	2	-	2	1	-	1	-	3	3
Paranoia and paranoid conditions	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
With mental deficiency	1	2	3	-	-	-	-	-	-	1	-	1	-	1	1	-	1	1	-	-	-
Total	102	81	183	21	9	30	15	16	31	11	8	19	12	6	18	18	13	31	7	10	17

PSYCHOSES	5-6 years			7-8 years			9-10 years			11-12 years			13-14 years			15-19 years			20 years and over		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encephalitis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
With other forms of syphilis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Alcoholic psychoses	1	-	1	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Traumatic psychoses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
With cerebral arterio-sclerosis	2	-	2	2	-	2	-	-	1	1	-	1	-	1	1	1	-	1	-	1	1
With convulsive disorders (epilepsy)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Senile psychoses	-	2	2	-	1	1	-	-	1	1	-	1	-	-	-	-	-	-	-	-	-
Involuntary psychoses	-	1	1	1	-	1	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-
Due to other metabolic diseases, etc.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Due to new growth	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
With organic changes of nervous system	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Psychoneuroses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manic-depressive psychoses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dementia praecox	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Paranoia and paranoid conditions	-	3	3	-	-	-	1	-	1	3	-	-	1	-	1	1	-	1	4	3	7
With mental deficiency	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1
Total	3	6	9	4	3	7	1	-	1	3	3	6	1	1	2	2	1	3	4	5	9

TABLE 19. *Average Length of Hospital Residence during the Present Admission of All First Admissions in Residence on September 30, 1936*

PSYCHOSES	Number			Average Net Hospital Residence in Years		
	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encephalitis	37	17	54	4.51	7.84	5.56
With other forms of syphilis	4	—	4	6.23	—	6.23
With epidemic encephalitis	1	2	3	7.50	6.00	6.50
With other infectious diseases	—	1	1	—	1.50	1.50
Alcoholic psychoses	73	10	83	8.27	11.29	8.63
Traumatic psychoses	5	3	8	6.70	5.15	6.11
With cerebral arteriosclerosis	50	51	101	2.27	2.92	2.60
With other disturbances of circulation	4	1	5	7.25	12.50	8.30
With convulsive disorders (epilepsy)	9	11	20	3.49	6.40	5.09
Senile psychoses	30	43	73	3.95	5.27	4.73
Involucional psychoses	16	59	75	5.36	5.62	5.57
Due to other metabolic diseases, etc.	3	8	11	4.50	4.87	4.77
With organic changes of nervous system	8	6	14	4.10	5.14	4.55
Psychoneuroses	10	10	20	4.57	3.68	4.13
Manic-depressive psychoses	27	52	79	7.48	5.84	6.40
Dementia praecox	247	268	515	11.54	10.76	11.14
Paranoia and paranoid conditions	16	18	34	4.42	8.66	6.66
With psychopathic personality	5	1	6	4.88	.45	4.14
With mental deficiency	60	31	91	9.24	7.88	8.77
Total	605	592	1,197	8.28	8.04	8.16

TABLE 19A. *Average Length of Hospital Residence during the Present Admission of All Readmissions in Residence on September 30, 1936*

PSYCHOSES	Number			Average Net Hospital Residence in Years		
	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encephalitis	11	1	12	8.95	.45	8.24
With epidemic encephalitis	2	—	2	8.50	—	8.50
Alcoholic psychoses	19	4	23	10.86	4.47	9.75
Due to drugs, etc.	1	—	1	22.50	—	22.50
With cerebral arteriosclerosis	4	4	8	2.98	2.72	2.85
With other disturbances of circulation	1	—	1	1.50	—	1.50
With convulsive disorders (epilepsy)	1	3	4	2.50	12.83	10.25
Senile psychoses	—	4	4	—	4.73	4.73
Involucional psychoses	6	14	20	4.33	5.77	5.34
With organic changes of nervous system	1	3	4	.45	4.46	3.46
Psychoneuroses	1	7	8	.45	7.06	6.23
Manic-depressive psychoses	25	40	65	6.68	5.08	5.70
Dementia praecox	99	117	216	10.12	11.82	11.04
Paranoia and paranoid conditions	6	4	10	5.66	11.98	8.19
With psychopathic personality	2	2	4	.97	3.97	2.47
With mental deficiency	12	10	22	8.65	8.89	8.76
Total	191	213	404	8.88	9.21	9.05

TABLE 20. *Family Care Statistics for Year Ended September 30, 1936*

	Males	Females	Total
Remaining in Family Care September 30, 1935	—	3	3
Admitted to Family Care during the year	1	3	4
Whole Number of Cases within the year	1	6	7
Discharged from Family Care within the year:			
From Family Care to Visit Status	—	1	1
Returned to Institution	—	3	3
Remaining in Family Care September 30, 1936	1	2	3
Average Daily Number in Family Care during year:			
Self-supporting	1	2	3
	10.8	3.0189	3.6227

The Commonwealth of Massachusetts

84th

ANNUAL REPORT

OF THE

TRUSTEES

OF THE

TAUNTON STATE HOSPITAL

FOR THE

YEAR ENDING NOVEMBER 30,

1937



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GARDNER STATE HOSPITAL
EAST GARDNER, MASS.

2938

TAUNTON STATE HOSPITAL

(Post Office Address: Taunton, Mass.)

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<i>Attendant</i>	LAZARE BEAULIEU	1928-1937
<i>Institution Teamster</i>	HARRY COMERFORD	1924-1937
<i>Steam Fireman</i>	THOMAS MURRAY	1909-1937

TRUSTEES' REPORT

To His Excellency, the Governor, and the Honorable Council:

The Trustees of the Taunton State Hospital present herewith their eighty-fourth annual report together with the Superintendent's report, financial report and statistical tables.

Dr. John V. Thuot who served on the Board for four years resigned in December and his place was filled by the appointment of Mr. Louis Rosenfield by Governor James M. Curley. Mr. Harold Fitzgibbons who was appointed to the Board in the early part of 1935 resigned because of the pressure of other duties. His place is vacant at the time of the writing of this report. At the annual meeting which

was held in February, Mr. Charles C. Cain of Attleboro was re-elected chairman, and Mrs. Elizabeth C. M. Gifford of Cambridge was re-elected secretary.

The regular meetings of the Board which have been held on the second Thursday of each month have been well attended, and the entire membership have maintained an active interest in all of the activities of the hospital. Our meetings have been especially interesting because of the necessary consideration of the many plans in progress for the present and future development of the hospital. Considerable time has been spent in studying the outline of program with which hospital trustees should be familiar in connection with their work as submitted by the Special Commission on Mental Diseases.

The many repairs made during the year have served to improve the general physical condition of the buildings, and we are glad to report that all of the buildings both old and new, are in very good condition at the present time.

The old building at Borden Colony which was formerly used as a smoking room and tool shop has been completely remodeled both inside and outside, and now serves as a large, well lighted club room for the patients there. It has toilet facilities and equipment for the playing of cards and other games. The day space at this colony has always been insufficient, and this change will be a great benefit to the patients there.

Another noteworthy improvement during the year was the complete renovation of the toilet, bath and lavatory facilities on female wards 1, 2 and 3. These were installed many years ago, and were worn out and inadequate.

Most of the changes recommended in the survey made by Mr. Harry Atkinson and Mr. William Carnes of the Department of Public Safety in 1936 have already been completed, and it is expected that the entire program recommended by them will be finished some time during the early months of next year.

Last spring the Legislature appropriated the sum of \$100,000 for the purpose of renovating Brown and Howland Infirmaries. When this work is completed, the first floor throughout the main hospital with the exception of a few small areas will have been rendered fireproof. The attics and clothing rooms of the main building, as well as the laundry, industrial building and garage which are located immediately adjacent to this building, are protected with automatic sprinklers. These improvements have done much to lessen the danger of fire. It is still necessary to report fires by telephone because of the absence of a modern fire alarm system. This, we believe, should be changed, and we hope that it will not be long before such a system is installed.

Public Works Administration Project No. 4477, consisting of the construction of a new hospital and a new infirmary building, was completed in June. Dedicatory exercises were held on June 23. The address was delivered by Dr. Henry Lefavour, Chairman of the Emergency Public Works Commission. The exercises were opened by Reverend Arthur Tansey who gave the invocation, followed by an address of welcome by Mr. Charles C. Cain, Chairman of our Board. The benediction was given by Reverend Wilton Cross. Other Speakers were Brigadier General Charles J. Cole, The Adjutant General, representing His Excellency, the Governor, Charles Hurley, Mr. Andrew H. Peterson, State Director, representing the Massachusetts Public Works Administration, and A. Warren Stearns, M.D., Assistant Commissioner, representing the Department of Mental Diseases. After the formal exercises, the new buildings were inspected by those present.

The patients formerly quartered in our old infirmary buildings were transferred to the new buildings during the latter part of August, and at the present time 300 sick and infirm patients are enjoying the facilities afforded by them. It is a great comfort to everyone connected with the hospital to know that these patients are now domiciled in buildings that are as near fireproof as possible. The buildings which they formerly occupied were more than 40 years old and of second class construction. It certainly would have been very difficult to have evacuated them in case of a serious fire. It is believed that the plan of establishing fireproof quarters for all patients who might be difficult to manage in case of an emergency is entirely sound, and we hope that the completion of the new hospital group will go on to a rapid completion. It is now necessary to use the fourth floor of the female infirmary building which was intended for the care of patients suffering from tuberculosis for

infirm patients of the male sex. This condition cannot be remedied until the male infirmary building is a reality. Upon the completion of this building the group will accommodate five hundred patients, a number entirely too large to be satisfactorily served from the main kitchen, and it will be necessary to erect a kitchen and dining room building. The rest of this plan includes a building for the acute recoverable cases accommodating 75 men and 75 women, and another building of similar construction and capacity for the care of chronic patients who may need active psychiatric treatment periodically. These patients are now cared for in the main building in wards that are entirely too near other patients who are greatly disturbed by them. Our facilities for the treatment of these patients are very old and will soon have to be replaced if these buildings are not made possible by appropriations in the near future.

The Board has recently discovered that more than 1,200 patients who formerly resided in the district assigned to our hospital are now quartered in other state hospitals, some of which are located at great distances from their homes. Most of these patients have been transferred from our hospital to these hospitals because of a lack of space. This constitutes another very valid reason for the rapid completion of our plans.

Public Works Administration Project No. 1139D — Nurses' Home — was started in March of this year, and at the present time it is nearing completion. This building will accommodate approximately 150 members of the female nursing staff and will make it possible to quarter all employees entitled to maintenance at the hospital. It will also be possible to improve the general conditions under which all employees are living. Recently it has been necessary to use single rooms for two persons, and in many cases, toilet facilities and bathrooms have become inadequate because of this. The Learoyd Building which was formerly used as a female nurses' home will soon be occupied by members of the male nursing staff.

In addition to the buildings mentioned in our remarks concerning the new hospital group, the following items, described in detail in the Superintendent's report, are necessities and should receive careful consideration during the coming year:

- Rewiring and Necessary Changes in the Power Plant.
- Laundry Building and Equipment.
- Renovation of Bath and Toilet Sections in the Main Building.
- Relocation of the Piggery.
- Rewiring of the Main building.
- Fire Alarm System.

On October 23, the meeting of the Department of Mental Diseases with the Trustees of State Institutions was held at the hospital and approximately 30 members of the different hospitals were present. The meeting was addressed by Reverend Otis F. Kelly, a member of the Special Commission on Mental Diseases appointed by the Governor. Other members of the Special Commission present were: Judge Joseph W. Monahan, Mr. John M. Gray and Mr. William J. Griffin.

The hospital was visited during the year by David I. Williams, M.D., Commissioner, Joseph E. Barrett, M.D., Assistant Commissioner, Clifton T. Perkins, M.D., Assistant Commissioner and Mr. William I. Rose, Business Agent. On August 19, 1937, Reverend Otis F. Kelly, a member of the Special Commission on Mental Diseases, paid us a visit. Other representatives of the Department of Mental Diseases have visited the hospital at frequent intervals.

In closing, we wish to express our gratitude for the cooperation we have received during the year from the Department of Mental Diseases, the other State Departments, the Superintendent, the employees, and all others with whom we have been associated.

CHARLES C. CAIN, JR. *Chairman.*
 MARY B. BESSE
 SAMUEL M. STONE
 LOUIS I. ROSENFELD,

ELIZABETH C. M. GIFFORD,
Secretary.
 ASA A. MILLS
Trustees.

SUPERINTENDENT'S REPORT

To the Trustees of the Taunton State Hospital:

The eighty-fourth annual report of the Superintendent of the Taunton State Hospital, for the fiscal year ending November 30, 1937, is respectfully submitted for your consideration.

The statistical tables relative to patients cover the period beginning October 1, 1936 and ending September 30, 1937.

MOVEMENT OF POPULATION

On September 30, 1936, the census of the hospital was as follows: In the hospital, 796 men and 805 women, making a total of 1,601. On parole or otherwise absent, 102 men and 112 women, a total of 214, making a grand total of 1,815, including 898 men and 917 women on the books of the hospital. During the year ended September 30, 1937, 598 patients were received. Of this number, 220 men and 216 women, a total of 436, were classed as first admissions, 79 men and 67 women, a total of 146, came as readmissions, and 9 men and 7 women, a total of 16, came as transfers from other hospitals.

Patients, 537 in number, including 284 men and 253 women, were discharged during the same period. Of this number, 155 men and 129 women, a total of 284, were returned to the community, 27 men and 22 women, a total of 49, were transferred to other hospitals, and 102 men and 102 women, a total of 204, died.

The census on September 30, 1937, was as follows: In the hospital, 825 men and 845 women, a total of 1,670. On parole or otherwise absent, 97 men and 102 women, a total of 206, making a grand total of 1,876, including 922 men and 954 women, on the books of the hospital. The total number of cases under treatment during the year was 2,413 (1,206 men and 1,207 women.)

Of the 436 first admissions, only 338 were regularly committed to the hospital, there being 5 voluntary and 93 temporary care. Of the 146 readmissions, only 124 were regularly committed to the hospital, there being 4 voluntary and 18 temporary care.

FIRST ADMISSIONS

Nativity. — Of the 436 first admissions, 161 men and 138 women, a total of 299, were born in the United States, and 59 men and 78 women, a total of 137, were born in other countries, the percentage of native born being 69%, and of foreign born 31%.

Citizenship. — Of the 436 first admissions, 299 or 69% were citizens by birth, 62 or 14% were citizens by naturalization, 15 or 4% had their first papers, and 60 or 13% were aliens.

Mental Diagnosis. — The different forms of mental disease shown by the 436 first admissions were as follows: psychoses with syphilitic meningo-encephalitis (general paralysis), 16 or 3.67%; psychoses with other forms of syphilis, 1 or .23%; psychoses with other infectious diseases, 5 or 1.15%; alcoholic psychoses, 44 or 10.09%; psychoses due to drugs, 2 or .46%; traumatic psychoses, 6 or 1.37%; psychoses with cerebral arteriosclerosis, 87 or 19.95%; psychoses with other disturbances of circulation, 6 or 1.37%; psychoses with convulsive disorders (epilepsy) 5 or 1.15%; senile psychoses, 51 or 11.69%; involutional psychoses, 35 or 8.03%; psychoses due to other metabolic diseases, etc., 6 or 1.37%; psychoses with organic changes of the nervous system, 4 or .92%; psychoneurosis, 19 or 4.36%; manic depressive psychoses, 28 or 6.43%; dementia praecox, 71 or 16.29%; paranoia and paranoid conditions, 5 or 1.15%; psychoses with psychopathic personality, 7 or 1.61%; psychoses with mental deficiency, 12 or 2.75%; without psychosis, 26 or 5.96%.

For further information concerning psychoses of first admissions see statistical tables.

Age. — Of the 436 first admissions, 158 or 36% were over 60 years of age; 130 or 30% were between 40 and 60, the involution period; 122 or 28% were between 20 and 40, and 26 or 6% were under 20.

Education. — Of the 436 first admissions, 27 or 6.19% were illiterate; 2 or .46% could read only; 52 or 11.93% could read and write; 273 or 62.62% had a common school education; 71 or 16.28% had a high school education, and 11 or 2.52% had a college education.

Environment. — Of the 436 first admissions, 288 or 66.05% were classed as urban, and 148 or 33.95% were classed as rural.

READMISSIONS

Of the 146 readmissions, the diagnoses were as follows: psychoses with syphilitic meningo-encephalitis (general paralysis), 3 or 2.05%; alcoholic psychoses, 9 or 6.17%; psychoses due to drugs, 2 or 1.37%; psychoses with cerebral arteriosclerosis, 5 or 3.42%; psychoses due to trauma, 1 or .69%; psychoses due to convulsive disorders (epilepsy), 1 or .69%; involuntional psychoses, 5 or 3.42%; psychoses with multiple sclerosis, 1 or .69%; psychoneurosis, 10 or 6.85%; manic depressive psychoses, 33 or 22.60%; dementia praecox, 51 or 34.93%; paranoid condition, 3 or 2.05%; psychoses with psychopathic personality, 7 or 4.79%; psychoses with mental deficiency, 6 or 4.11%; without psychosis, 9 or 6.17%.

DISCHARGES

Of the 284 patients discharged, 186 had been actually committed to the hospital. The remaining 98 were under voluntary and temporary care. The discharge rate figured on the number of patients admitted during the year was 47.49%.

DEATHS

The death rate for the year figured on the total number under treatment was 8.45%.

Of the 204 patients dying during the year, 184 were committed to the hospital. The remaining 20 were under temporary care. The causes of death were as follows: erysipelas, 1 or .49%; tuberculosis of the respiratory system, 5 or 2.46%; syphilis (non-nervous forms), 3 or 1.48%; septicaemia, 1 or .49%; cancer and other tumors, 5 or 2.46%; pellagra, 1 or .49%; diabetes, 4 or 1.97%; leukemia, 1 or .49%; alcoholism, 2 or .99%; cerebral hemorrhage, 5 or 2.46%; cerebral embolism and thrombosis, 3 or 1.48%; general paralysis of the insane, 11 or 5.31%; epilepsy, 2 or .99%; other diseases of the nervous system, 5 or 2.46%; chronic endocarditis, 2 or .99%; disease of the myocardium, 74 or 36.26%; other diseases of the heart, 11 or 5.31%; arteriosclerosis, 14 or 6.87%; bronchopneumonia, 23 or 11.29%; lobar pneumonia, 4 or 1.97%; pleurisy, 1 or .49%; intestinal obstruction, 1 or .49%; other diseases of the digestive system, 2 or .99%; cirrhosis of the liver, 1 or .49%; peritonitis, 1 or .49%; nephritis, 7 or 3.44%; other diseases of the genitourinary system, 2 or .99%; senility, 1 or .49%; suicide, 2 or .99%; accidental traumatism, 4 or 1.97%; ill-defined causes of death, 5 or 2.46%.

Of those who died, 152 or 74.51% were over 60 years of age; 38 or 18.63% were between 40 and 60; 13 or 6.37% were between 20 and 40 and 1 or .49% were under 20.

Our records show that at the close of the year there were 45 ex-service men in the hospital.

MEDICAL SERVICE

Assistant Superintendent — Roger G. Osterheld, M.D.,

The membership of our visiting staff has not changed during the past year. The different members have performed their duties in a satisfactory manner, and as a result, our patients have been assured of good medical care in all of the specialties. Dr. Richard P. McKnight, District Health Officer, has continued to cooperate with us in the management of communicable diseases.

Several changes have occurred in the resident staff during the year. Dr. Robert M. Bell who has been senior physician on the male division for some time was promoted to Director of Clinical Psychiatry in March. Dr. Donald G. Henderson, pathologist, resigned his position in June for further study at the Shields Warren Laboratory in Boston. This vacancy was filled by Dr. Robert Lewis who specialized in pathology at Ohio University and Rhode Island Hospital. Dr. Stanley R. Dean who completed his residency in June, is now on the staff of the Fairfield State Hospital, Newtown, Connecticut. This vacancy was filled by Dr. Jack G. Oatman, a graduate of the University of Michigan, who has completed a rotating internship at the Henry Ford Hospital, Detroit, Michigan. Dr. William P. Finnegan, a graduate of Boston University School of Medicine, who has served a rotating internship at the Meriden Hospital, Meriden, Connecticut, was appointed to fill the

vacancy of Dr. P. Clement Talkington who completed his residency in June, and is now on the staff of the Philadelphia Orthopedic Hospital and Infirmary for Nervous Diseases. Dr. Kenneth F. Schneider, a graduate of the University of Illinois, who has served a rotating internship at the Methodist Hospital, Des Moines, Iowa, was appointed to the staff.

We realized the opening of our new hospital building during the year. All the various departments of the medical service are now located under one roof, and a patient requiring medical or surgical treatment needs only to be transferred to this building in order to receive any one of the forms of treatment available. This, without question, will add much to the efficiency of our medical care as before this building was opened the different departments were located at great distances from each other, making for great inconvenience. The operating suite and all of the different specialties are located on the first floor. The laboratories, pharmacy and the nurses' training school are located in the basement within easy access of all other parts of the building.

The hospital still continues to be approved for residency in psychiatry by the American Medical Association, and every effort is being made to educate at least two residents each year.

Medical students from Tufts College and Boston University Medical Schools continue to spend from four to six weeks at the hospital during their senior year. During the summer months three medical students spend approximately three months each on service as clinical assistants.

The podiatric clinic continues to be held twice a week by Dr. Max L. Yaffee, and contributes much to the comfort of the patients.

The program which was started two years ago for the detection and care of patients suffering from Tuberculosis of the lungs has been continued. Early diagnosis and treatment are essential, and all patients are subjected to a rigid routine examination including skin tests, laboratory tests, fluoroscopic examination and confirmation by the x-ray where necessary.

All food handlers, both patients and employees, are routinely examined and prophylaxis given against typhoid. No evidence of this disease has been found during the year.

Our luetic outpatient clinic continues to be held twice a week, and the number of patients continues to increase. We believe that this service to the community is keeping potential general paralysis cases from being hospitalized. Our patients suffering from this disease have continued to receive intravenous and intramuscular treatment, as well as fever therapy by means of malaria, with good results in a considerable number of cases.

The members of our staff are studying the treatment of schizophrenia by insulin and metrazol methods, visits having been made to centers where this work is being carried on, and the literature carefully reviewed. The results of these investigations have been that we have come to the conclusion that while reports from different investigators are not entirely in agreement, the work is worth while and should be a part of the treatment in a mental hospital.

The following is a summary of the work accomplished in the operating and dressing rooms during the year.

<i>Operations:</i>		Trachelotomy	1
Amputations	4		
(Digit, 1; hand and fore-		Total	18
arm, 1; toe, 2)			
Colotomy	1	<i>Minor Surgery:</i>	
Dissection of abdominal sinus .	1	Abscess, incised and drained .	3
Dilatation and curettage . . .	1	[Cervical, 1; gluteal, 1;	
Enterostomy	1	Peritonsillar, 1)	
Gastrotomy	1	Casts applied	7
Herniorrhaphy	4	[Forearm, 2; leg, 1; spica, 2;	
Laparotomy	1	upper arm, 1; wrist, 1)	
Mastectomy	1	Circumcision	2
Skin graft	1	Cyst, extirpation	4
Suprapubic lithotomy	1	Dissection of cervical glands .	1

Minor Surgery — continued

Extractions, dental, with anesthesia	10
Furuncle, incised with anesthesia	33
Growth removed	2
(arm, 1; neck, 1)	
Incisions	2
(forearm, 1; foreskin, 1)	
Infections, incised with anesthesia	178
Lacerations sutured	45
Papilloma, excised	2
Paracentesis, abdominal	9
Pneumothorax	21
Punctures	1,072
(spinal, 128; venal, 944)	
Removal of finger nail	1
Splints applied	5
(ulna, 3; ulna and radius, 2)	
Surgical dressings	13,055
Thoracentesis	1
Traction applied, femur	1

Total 14,454

Antisymphilitic Treatments:

Bismuth-sodio-tartrate	1,521
Bismuth subsalicylate	140
Marlaia series	9
Mercury salicylate	485
Neoarsphenamine	672
Potassium iodide series	219
Tryparsamid	212

Total 3,258

Examinations:

Gynecological	473
Gynecological, with anesthesia	2
Rectal	54

Total 529

Podiatric Clinic:

Arches treated	1,642
Arches fitted	2
Bunions	1,249
Calluses	1,926
Corns	2,172
Examinations	1,491
Hypertrophied and ingrowing nails	860
Nail excision with anesthesia	5
Treatments	90

Total 9,437

*Serums and Vaccines**(Prophylaxis):*

Autogenous	158
Mantoux	1,082
Pneumonococcus	7

Rabies	30
Smallpox	554
Sterile milk	9
Streptococcus	7
Typhoid	1,960

Total 3,807

Treatments:

<i>Ear:</i>	
Drops	86
Impacted cerumen	18
Insufflation	10
Irrigations	145
Ointment	3
Otitis media	48

Total 310

<i>Eye:</i>	
Blepharitis	1,693
Conjunctivitis	112
Drops	394
Hordeolum	66
Irrigations	46
Ointment	34

Total 2,345

<i>Nose:</i>	
Nasal instillations	6,893
Nasal irrigations	21
Nasopharyngitis	2,159
Sprays (nose, throat)	241,700

Total 250,773

Throat: Local applications 2,493

Miscellaneous:

Amniotin	96
Gastric analysis	2
Gastric lavage	3
Hypodermoclysis	261

Intramuscular Injections:

Liver	52
Myochrysine	14
Proteolac	4
Thelestrin	13
Thielin in oil	51

Intravenous Injections:

Calcium gluconate	19
Glucose	8
Iron	4
Iron and arsenic	17
Iron cacodylate	19
Neoarsphenamine (for lung abscess)	9
Normal saline	29
Obstetrics, delivery	2

Total 603

DENTAL DEPARTMENT
Director — Dr. Wilfred R. Wilson

The dental suite in the new hospital building became available in the early Fall and since then it has been possible to treat the patients from the hospital and infirmary buildings there. This suite is provided with two operating chairs which make it possible for the dental hygienist and the dentist to work at the same time. There is also an x-ray machine, a laboratory and a dark room. These different units are intimately associated, and will, no doubt, make it possible to increase the work that is being done at the present time. The dental suite in the main building which has been in use for many years will continue to function part time.

The work listed below contributes much to the comfort and appearance of our patients, but it is believed that the population of the hospital has increased to a point where it cannot be satisfactorily handled by one dentist, and we have recommended the appointment of another in our budget estimates for next year.

- Bridgework: Preparation for crown, 11; set, 4; removed, 6.
- Cleaned and scaled, 904; examined and charted, 752; extractions, 626.
- Crowns: Davis crown set, 5; gold crown set, 4; gold crown removed, 3; inlay reset, 1; synthetic, 2.
- Fillings: Amalgam, 962; kryptex, 132; root canal, 6; synthetic, 295; zinc oxide and eugenol fillings, 371.
- Plates: Impression, bite and shade, 112; teeth tried in, 42; made, 44; adjusted, 146; repaired, 39; cleaned, 332; marked, 328.
- Treatments: For necrotic gingivitis: pockets packed, 1,549; oxygen insufflation, 402. For psoriasis of leg and scalp: oxygen insufflation, 53; dunlop paste, 51. For ulcer of leg: oxygen insufflation, 160; dunlop paste, 171. For infected finger: oxygen insufflation, 40; dunlop paste, 31. Miscellaneous: abscess lanced, 4; adrenalin, 2; arsenic fibre, 4; formo-creosol, 22; gums treated with iodine, 33; post-operative, 40; pulp removed, 6; silver nitrate, 8.

X-rays taken	93
Number of visits	3,625
Number of operations	7,786
Average operation per patient	2.148
Number of patients treated first time	958
Number of new patients needing dental attention	303
Number of extractions on new patients	431
Number of fillings on new patients	848
Number of patients with work completed	1,163
Number of patients with work to be done	207
Percentage of patients with work completed	87 72
Percentage of patients with work to be done	12 28
Average number of operations per day	24.87
Number of days office was open	313
Average number of patients treated daily	11

X-RAY DEPARTMENT
Director — Abraham M. Stiffle, M.D.

There has been a notable increase in the work of this department during the past year, the number of x-ray examinations exceeding that of last year by 521. The greater part of the work was performed with antiquated equipment. This handicap has been overcome since September 15, on which date the x-ray unit in the new hospital building was put into active operation. The increased capacity and facility of operation of this unit permits finer detail, aids materially in diagnosis, and renders more easily accessible examinations of this type to a greater number of patients. This is a very desirable and indispensable feature of the hospital equipment. The resident physicians continue to receive instruction in fluoroscopy as well as x-ray technique and interpretation.

With the opening of the new hospital unit, the direction of this department has been transferred to Robert M. Bell, M.D., Director of Clinical Psychiatry.

A summary of the work accomplished during the year follows:

Mandible	2	Wrist	32	Foot	9
Skull	77	Hand	14	Toe	3

Cervical vertebrae	1	Finger	18	Chest (lungs)	223
Thoracic vertebrae	6	Hip	23	Fluoroscopic examin-	
Lumbar vertebrae	13	Pelvis	10	ation of chest	721
Shoulder	9	Femur	1	Ribs	2
Humerus	10	Knee	10	Abdomen (flat plate)	7
Elbow	10	Tibia and fibula	6	Gastro-intestinal series	1
Radius and ulna	3	Ankle	12	Colon	1
Total					1,224

PHYSIOTHERAPY DEPARTMENT
Director — Olga E. Steinecke, M.D.

The personnel of this department has remained the same during the year. The technician, Miss Helen Dadmun, gave fifty hours of instruction in hygiene and sixteen hours of instruction in massage to the student nurses.

During the year there were 230 patients treated in this department. Of this number 114 were men and 116 were women. There were also 26 male and 37 female employees treated.

Ultra-violet was used for acne, psoriasis, bronchitis, ulcers, neuritis, infectious and general treatment.

Infra-red was used in the treatment of arthritis, muscular pain, sprains, contractures, neuritis, post-fractures, infections and contusions.

Diathermy was used for arthritis and neuritis, and dessication for the removal of warts.

A summary of the work accomplished follows:

	Men		Women	
	Hours	Treatments	Hours	Treatments
Ultra-violet	135¾	425	126⅔	567
Massage	—	—	9⅙	34
Infra-red	802¾	1,605	686⅔	1,504
Diathermy	—	—	81½	96
Dessication	½	5	—	—
Total	939	2,035	904	2,201

Total of all treatments, 4,236. Total of all hours, 1,843.

HYDROTHERPY DEPARTMENT
Directors — Wilfred Seguin, M.D., Abraham M. Stifle, M.D.

This department has had no changes in either personnel or equipment during the past year. The work of the female division has been supervised by Mrs. Theresa Haskell, R.N., and that on the male division by Mr. Leon Jackson and Mr. Leo Sullivan. They have been assisted by a corps of trained workers, all of whom have been carefully instructed before being allowed to go on duty. The facilities of the department are used to the fullest extent, and the number of continuous baths and wet sheet packs is entirely inadequate. It is now necessary to use the continuous bath rooms and pack rooms for patients of all types. This is quite undesirable, and we are anticipating the time when new construction will make possible the separation of the acute recoverable cases from those of the continued treatment type. Both of these classes need hydrotherapy and should have the benefit of it, and we hope that it will not be long before we will have a new building with complete hydrotherapeutic equipment for each of these types.

Dr. Rebekah B. Wright, hydrotherapeutist for the Department of Mental Diseases, has continued to supervise the hydrotherapy throughout the State, and we were fortunate in having her with us for three months during the past year.

A summary of the work accomplished follows:

	Men	Women	Total
Number of patients	222	244	466
<i>Tonic Baths:</i>			
Electric light baths	191	13	204
Fan douches	2,201	1,382	3,583
Foot baths	—	9	9
Hot and cold to spine	2	525	527
Needle sprays	2,788	2,190	4,978
Rain douches	654	—	654
Salt glows	1,245	907	2,152
Shampoos	992	731	1,723
Sitz baths	42	1	43
Total	8,115	5,758	13,873
<i>Continuous Baths:</i>			
Number of baths	6,938	7,987	14,925
Number of hours	47,225.46	58,406.14	105,632
<i>Wet Sheet Packs:</i>			
Number of packs	11,176	19,792	30,968
Number of hours	37,949.55	48,957.30	86,907.25
<i>Colonic Irrigations:</i>			
Number of irrigations	391	152	543
<i>Instructions:</i>			
Number of pupils	27	48	75
<i>Continuous Bath Lessons:</i>			
Number of lessons	15	77	92
Number of hours	31	145.30	176.30
<i>Pack Lessons:</i>			
Number of lessons	50	81	131
Number of hours	84	119	203

LABORATORY
Director — Robert Lewis, M.D.

The work of the laboratory during the year showed an increase in some aspects, notably in the fields of blood chemistry and bacteriology. Continued efforts were made to cooperate closely with the clinical staff. The percentage of autopsies obtained remained good due to the fine work of the clinical staff in maintaining the interest and cooperation of the relatives of the patients. The method of restoring the autopsied bodies by arterial canalization continues to be well received.

The laboratory suite in the new hospital building was ready for use in June of this year. This suite consists of four rooms furnished with modern equipment which makes it feasible to perform any of the necessary laboratory tests. The morgue is equipped with a monel metal autopsy table and an electrical refrigeration plant for the storage of the bodies. Our new equipment also includes a micro-projection lantern which markedly facilitates the demonstration of slides and is also excellent for teaching purposes.

A micro-method for the determination of blood sugar has been put into use this year. This facilitates the drawing of blood for frequent determinations of blood sugar in diabetic patients in that sufficient blood can be obtained from a prick of the finger.

In the tissue department, continued effort is being made to employ more special technique in the staining of nervous tissue to make clearer the finer pathological changes.

There have been several changes in the personnel of the department during the last year. Dr. Donald G. Henderson, the former pathologist, resigned his position on June 19, 1937. This vacancy was filled by Dr. Robert Lewis on July 1, 1937. Miss Faith Findlay resigned her position as assistant technician on October 16, 1937, and her place was taken by Miss Virginia Clark on November 1, 1937. Miss Clark was formerly a student in the department, having completed her training in

September of this year. Miss Mary V. Roche, a recent graduate of Emmanuel College, is at present a student laboratorian.

The following is a summary of the activities of the laboratory during the past year:

Blood Chemistry: Calcium, 5; cholesterol, 1; sugar, 450; urea, 303. Total 759.

Blood Counts: Differential smears, 1,441; hemoglobin determinations, 1,375; red cell counts, 1,375; reticulocyte counts, 22; white cell counts, 1,441. Total, 5,654.

Cultures: Blood, 40; diphtheria, 56; throat, 36; miscellaneous, 180. Total, 312.

Milk Analysis: Plate counts, 130. Total, 130.

Smears: Conococcus, 38; gum and mouth, 40; malarial, 14. Total, 92.

Spinal Fluids: Cell counts, 119; chlorides, 119; colloidal gold, 123; globulin, 119; gum mastix, 123; sugar, 119. Total, 722.

Sputum Examinations: Pneumonococcus typing, 48; tuberculosis, 150. Total, 198.

Stool Examinations: Occult blood, 24; typhoid, paratyphoid and dysentery, 24. Total, 48.

Urinalyses: Complete, 3,246; diacetic acid and acetone, 350. Total, 3,596.

Miscellaneous: Autopsies, 85; basal metabolisms, 12; bleeding and coagulation time, 5; gastric analyses, 3; icterus indices, 4; kidney function tests, 1; patients' photographs, 732; sedimentation rates, 11; surgical tissues, 20; tissue microscopic slides, 2,211; Vandenberg reaction, 1; Widal agglutinations, 3. Total, 3,088. Total of all tests, 14,599.

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RALPH M. CHAMBERS, M.D., Superintendent:

"Relation of a State Hospital to the Community". An address to the Women's Club, Woods Hole, Mass., on December 8, 1936.

"What the Commonwealth is Doing for the Mentally Ill". An address to the ladies of the Unitarian Alliance, Taunton, Mass., on January 5, 1937.

"Troublesome Mental Symptoms". An address to the Teachers Association, Taunton, Mass., on January 12, 1937.

"The Care of the Mentally Ill in Massachusetts". An address to the Taunton Branch of the American Association of University Women on January 19, 1937.

"Troublesome Mental Symptoms". An address at the Spring Conference of the New Bedford District of the Methodist Episcopal Church on February 15, 1937.

"Relation of a State Hospital to the Community". An address to the Women's Club, Orleans, Mass., on March 2, 1937.

"Relation of a State Hospital to the Community". An address to the Women's Club, East Bridgewater, Mass., on March 12, 1937.

"Use of Occupational Therapy in a State Hospital". An address to the students at the School of Handicrafts and Occupational Therapy, Boston, Mass., on March 15, 1937.

"The Major Psychoses and Their Management". An address to the Social Workers' Club, Fall River, Mass., on March 15, 1937.

"Relation of a State Hospital to the Community". An address to the Health Institute of the Massachusetts Federation of Women's Clubs, Attleboro, Mass., on April 26, 1937.

"What the Commonwealth is Doing for the Mentally Ill". An address to the Ladies Aid Society of the Second Congregational Church, Raynham, Mass., on April 28, 1937.

"Common Mental Symptoms". An address to the Rotary Club, Fall River, Mass., on October 28, 1937.

ROGER G. OSTERHELD, M.D., Assistant Superintendent.

"Care of the Mentally Ill — Past and Present". An address to the Young Peoples Society of the Winthrop Street Baptist Church, Taunton, Mass., on April 25, 1937.

STANLEY R. DEAN, M.D., Assistant Physician:

"Intravenous Autohemotherapy with Hemolyzed Blood: Technic and Leucocytic Response". A paper presented for publication in the Journal of Laboratory and Clinical Medicine in September 1937.

"Thoughts of a Schizophrenic". A paper submitted for publication in the American Journal of Psychiatry in November 1937.

WILFRED R. WILSON, Dentist:

"Oxygen Insufflation — The Dunlop Method". A paper presented for publication in the Dental Survey in August, 1937.

SOCIAL SERVICE DEPARTMENT

Director — Emma Shaw Lowe

For the past several years there has been no change in the personnel of this department. In November of this year, however, Miss Margaret K. Chapin who has been in the service since 1929, resigned to accept the position of psychiatric social worker at the Grafton State Hospital. Miss Mary Lynch, a student in the department during the 1936-1937 period and a civil service candidate, was appointed to fill the vacancy. Our other student during this period left in May to become psychometrist at the Medfield State Hospital. At the present time we have one student from Wheaton College and one from Massachusetts State College.

For many years we have been hoping for the addition of a psychometrist to our staff. Our wishes in this respect were realized in August of this year when Miss Bettina Everett, a graduate of Wheaton College, was appointed. Previously psychometric testing was necessarily divided among the different members of the department, and took more than the time of one worker. We feel that the department has made a distinct gain in that the other workers may now devote most of their time to history taking and the care of patients on trial visit in the community.

The histories of all new admissions have been taken by this department, as has been the custom in the past. While as many as possible of these histories are taken at the hospital in order to save time and expense, we realize that, in most cases, adequate histories must be obtained from more than one source, and that the historian should have a first hand knowledge of the patient's background. As is shown on the statistical tables which follow, 239 histories were secured outside the hospital, and 462 investigations were made in connection with our total number of histories — 620. Taking into consideration our clinics and the various types of hospital work, we have handled 2,793 cases this year, a total greater than in any previous year.

A summary of the work accomplished in this department follows:

SOCIAL SERVICE YEARLY STATISTICS

December 1, 1936 — November 30, 1937

I. Numerical Summary of Cases:

CASES	HOSPITAL CASES				COMMUNITY CASES				Total		
	House Patients		Out Patients		Clinic Cases		Others				
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	T.
1. New cases	337	283	157	159	64	32	648 ¹	283 ²	1,206	757	1,963
2. Renewed from previous years .	—	—	—	—	—	—	—	—	—	—	—
3. Renewed within the year . . .	—	—	—	—	—	—	—	—	—	—	—
4. Continued from previous years .	212	175	108	111	107	117	—	—	427	403	830
5. Closed during year	334	268	174	161	55 ³	28 ³	648	283	1,211	740	1,951
6. Continued to following year . .	215	190	91	109	116	121	—	—	422	420	842

¹This number includes 504 school clinic, 82 juveniles and 62 court cases.

²This number includes 268 school clinic, 14 juveniles and 1 court case.

³Cases dropped at the end of the year.

II. Sources of New Cases:

Number cases referred by physicians, 936; by community agencies, 1,027.

III. Analysis of Work:

1. Purposes for which cases were referred: (a) Histories of patients — taken at hospital, 401; taken outside hospital, 239; (b) Investigation — con-

duct disorders, 102; employment situations, 39; home conditions, 68; statements of patients, 134; statements of others, 117. (c) Supervision in home, 522; in industry, 25; in community, 16. (d) Care of patient's families, 31; (e) Personal services, 386.

2. Problems: (a) Diseases — mental, 522; physical, 69; (b) Sex problems — promiscuity, 4; wayward tendencies, 11. (c) Environment — financial difficulties, 76; employment difficulties, 61; unsuitable surroundings, 21; friction — family, 49; others, 32; marital difficulties, 45. (d) Personality problems — temperament, 92; anti-social habits, 69; vacillating interests, 27. (e) Educational problems — readjustment habits of mind, 82; recreation, church, social relationships, 75. (f) Legal problems — concerning property or support, 1.

IV. *Service Rendered:*

1. Medical: (a) Contribution of information re: medical history, 694; home conditions, 559; condition of outpatients, 524.
2. Social: (a) Advice — to relatives, 309; to patients, 329; to others, 173. (b) Connecting with agencies, 548; with individuals, 2,028. (c) Personal services, 412. (d) Number of psychological tests to hospital patients, 82; to juvenile delinquents, 95; to prisoners, 52. (e) Number of histories on court cases, 37.

V. *Supervision Work:*

1. Number of patients on visit last day of previous year, 219; patients discharged from visit during year, 163; visits to patients on ward, 341; visits to patients on visit, 431; visits to relatives or friends, 342; visits to social agencies, 159; visits to "others", 93.
2. Family care patients: Number of patients visited, 19; patients placed, 3; patients returned, 1; patients discharged, 1; boarding houses investigated, 1.

VI. *Clinic Work:*

1. Hospital Clinics: Number interviews with patients, 826 (patients reporting to hospital and community clinics); interviews with relatives, 404.
2. School Clinics: Number attended, 108; psychological tests, 771.
3. Community Clinics: Number attended, 141; interviews with patients, 314; interviews with "others", 335.

VII. *Miscellaneous:*

1. Amount of expense account: School or Community Clinic Work, \$187.10; hospital work, \$313.76.
2. Account of time: Number of days in hospital, 683½; days outside hospital, 714; days spent in school clinic work, 108; days spent in community clinic work, 141.

Special Features:

1. Lectures: Nurses' Training School, 20.
2. Conferences attended: Daily hospital; 5 Saturday mornings at the State House; District Conference of Social Workers at New Bedford; Conference for Psychologists at the State House; Massachusetts Conference of Social Workers.

OUT-PATIENT DEPARTMENT

Director — Olga E. Steinecke, M.D.

The community out-patient clinic work has maintained a fairly steady pace. Weekly clinics lasting for a period of three hours each do not permit intensive therapy, but diagnosis and advice are always afforded each patient, and many of them are benefited by interviews at frequent intervals. The clinics are held as follows: Fall River on Wednesday mornings from 9 to 11:30; New Bedford on Wednesday afternoons from 1 to 4; Taunton on Thursday mornings from 8 to 12 and at other times by appointment; Attleboro on the last Monday afternoon of each month from 1 to 4.

During the year 151 new patients were examined by us, and a total of 1,284 visits were made to the different clinics. Many of these visits were made by hospital patients on trial visit. We still feel that more time should be allotted to out-

patient work, but our limited personnel does not permit this. Each year we examine about the same number of juvenile delinquents who are referred by the courts of Bristol, Barnstable, Plymouth and Dukes Counties. This year a total of 96 were examined. In our opinion, the court workers are much better equipped to deal with their delinquents now, and they seem to think about them in mental terms more than was the custom several years back. At times a case, not under Section 215 (Acts of 1931, amendment to Chapter 119 of the General Laws), is referred by the court when a question of institutional care in a parochial or other home for delinquents arises. It is evident that this changing attitude was fostered by community hospital work.

Each year since 1934 the number of school clinic cases has more than doubled. Examinations are held in most of the fifty towns allotted to us. Requests for examination of pre-school or first grade children continue to increase, because in this way the superintendent and teachers feel that they have a more accurate estimate of the material with which they have to deal. As yet, we have no system of visiting the children or schools at times other than when annual examinations are held. This service we hope to establish at some time in the future.

The following chart shows the cases contacted during the year:

Sources of Visits		Number of Visits
Catholic Aid Society		11
Children's Aid Society		7
Community Welfare Society		4
Court (Chapter 215)		93
Department of Public Welfare		3
Division of Child Guardianship		7
Family Welfare Society		7
Private Physicians		45
School Department		64
Society for the Prevention of Cruelty to Children		7
Taunton State Hospital		977
Others		59
Total		1,284
Attleboro		
Total Visits:	New Cases:	
Male	Male	4
Female	Female	1
Total	Total	5
Fall River		
Total Visits:	New Cases:	
Male	Male	44
Female	Female	20
Total	Total	64
New Bedford		
Total Visits:	New Cases:	
Male	Male	43
Female	Female	19
Total	Total	62
Taunton		
Total Visits:	New Cases:	
Male	Male	12
Female	Female	8
Total	Total	20

New male cases seen	103	Male visits to clinic	683
New female cases seen	48	Female visits to clinic	601
Total new cases seen		Total visits to clinic	1,284

There were also 96 cases examined according to the provisions of Chapter 215, Acts of 1931.

School Clinics

Number of towns visited				45
Examinations:		Male	Female	Total
New cases		433	243	676
Old cases (re-examined)		71	32	103
Number of incompleted cases		0		
Number of completed cases		779		
Total number of cases		779	504	275
Recommendations:				779
Institutional care		10	4	14
Special class		174	105	279
Other recommendations		320	166	486
Total recommendations		504	275	779

OCCUPATIONAL THERAPY DEPARTMENT

Director — Katherine MacKenzie

The quota of this department is as follows: One head therapist, five aides, one physical director and one director of music. Several changes have taken place in the personnel of the department during the year, but at the present time we have our full quota.

Occupational classes have been held on fifteen wards and in the main classroom. Physical education classes and those activities carried on by the musical director have also been very active. Every four months a group of affiliate and postgraduate nurses were given lectures in occupational therapy and twenty hours in practical demonstration.

As in the past, all recreational activities were under the supervision of this department. The Christmas season opened with the presentation of a Christmas Pageant, "When the Star Shone", at the main hospital. Following this, the Christmas trees were lighted, and Santa Claus arrived by plane with his gifts for the patients. Those who were not able to come to the main assembly hall received their gifts on the wards. On Christmas Day appropriate religious services were held both morning and afternoon, and during the week following entertainments were held at each colony, and at the main hospital, and the program closed with the Employees' New Year Ball on December 31. Everyone joined wholeheartedly in their efforts to make the Christmas season a happy one for our patients, and we feel that they were successful.

The following people contributed to our annual Christmas Fund: Mr. Harry Atwood, Mr. Adrian Barquist, Mr. and Mrs. George H. Batchelor, Mrs. Mary B. Besse, Mr. Walter Besse, Mrs. Rita Benedetti, Mr. Stanley Betley, Mr. Edmund Cavanaugh, Mr. Thomas Cavanaugh, Mr. Louis Chabot, Mr. H. G. Chadbourne, Mr. Manuel Correia, Mrs. E. Courchaine, Mrs. Mary E. Cowell, Mr. Matthew Craig, Mrs. Henry Dailey, Mr. J. W. Diggle, Mrs. Joseph Donelli, Mrs. Catherine Dorigan, Miss Mary Doyle, Mr. Frank Duarte, Miss Mary E. Edwards, Mrs. Clara Eldredge, Miss Louise E. Field, Mr. Patrick Foley, Mr. and Mrs. Joseph M. Foster, Mrs. Anna W. Gasser, Mr. Arthur Gauthier, Mrs. Elizabeth C. M. Gifford, Mrs. A. Hathaway, Miss Lillian Haworth, Mrs. Gertrude Jernberg, Mr. Anthony Kopaczewski, Miss Eva J. LePage, Mrs. Amelia Lima, Mrs. Alice M. MacDonald, Mrs. Catherine MacDonald, Mrs. Mabel Macomber, Mr. Andrew Mann, Mr. Attilio Marotti, Mr. Peter Matonis, Mrs. Azelie Melanson, Mr. A. C. Morse, Mr. Andrew Munds, Mr. Fred McLeod, Mr. H. F. McManus, Mr. John Nelson, Mr. Ernest Nystrom, Mr. Henry Packer, Miss Charlotte Paine, Miss Harriet Palmer,

Mr. Joseph Pearson, Mrs. Alice Peckham, Mrs. Charles E. Peloquin, Mr. Charles E. Perry, Mrs. Nellie Randall, Mr. E. A. Read, Mr. George T. Riddell, Mr. George O. Robbins, Jr., Mr. J. A. Rogers, Mrs. P. H. Rogers, Mrs. Rose Sallett, Mr. Harvey Sampson, Mr. William Scanlon, Mrs. Wilfred Smalley, Mr. Henry Southworth, Mr. Samuel Stone, Mr. Jack Sylvia, Miss Emma Thompson, Mr. William Todd, Mrs. V. Vecchi, Miss Sophia Walker, Mrs. Mary Walsh, Mrs. Margaret White, Mrs. Ada Wright and Mr. John Yates.

Other activities of the year follow in the order of the date on which they occurred:

January 4 — A concert was presented at the main hospital by the Works Progress Administration of Taunton under the auspices of the David F. Adams Post, Veterans of Foreign Wars Auxiliary. This was followed by an hour of dancing for all the patients present.

February 15 and 16 — Valentine Parties for patients and employees.

February 18 — Two short plays entitled "The Persecuted Maiden" and "The Highfalutin' Order of Celestials" were presented at the Lovering Colony.

February 24 — Above plays presented at the main hospital.

February 25 — Above plays presented at the Borden Colony.

March 23 — Play "For Pete's Sake", presented at the main hospital by the Westville Congregational Christian Comrades under the direction of Reverend Robert A. Harrison.

March 29 and 30 — Easter Parties for employees and patients.

May 2 and 3 — May parties for patients and employees.

May 10 — Wrentham State School presented their annual spring operetta, "Tulip Time", at the main hospital.

May 17 — Entertainment furnished by the David F. Adams Post Veterans of Foreign Wars Auxiliary.

May 25 — Beano Party at the main hospital under the auspices of the Jewish Veterans of Foreign Wars Auxiliary, Brockton Post. Prizes were awarded to the winners throughout the evening.

June 8 — Minstrel show presented at the main hospital by members of the Oakland Grange.

July 4 — Annual Field Day. The program was opened at 9:30 A.M. with music by the Works Progress Administration Band of Taunton, and a circus parade by the patients. For the remainder of the morning games and outdoor sports were held, and prizes were awarded to the winners. In the afternoon, a show was presented in the main assembly hall by entertainers from White's Agency, Boston, Mass.

July 28 — Beano Party held at the main hospital.

October 18 — Concert and dance held at the main hospital under the auspices of the David F. Adams Post Veterans of Foreign Wars Auxiliary.

October 25 and 26 — Hallowe'en Parties for employees and patients.

October 28 — Entertainment consisting of songs, dances, instrumental music and a skit entitled, "Better City Campaign", was presented at the Lovering Colony.

November 2 — Above entertainment presented at the main hospital.

November 4 — Above entertainment presented at the Borden Colony.

November 16 — Beano Party held at the main hospital under the auspices of the Jewish Veterans of Foreign Wars Auxiliary, Brockton Post.

In addition to the above, weekly band concerts which were sponsored by the Works Progress Administration were held at each colony, and vaudeville shows, sponsored by the Federal Theatre Project of Massachusetts, were presented at the main hospital. Motion pictures and dances were also held weekly at the main hospital except during the summer months.

The following is a report of the Occupational Therapy treatments for the year:

Cases	Number of	Cases	Number of
Under treatment first of year	480	Discontinued	69
Admitted to classes during year	1,142	Discharged	137
Previously treated	612	Died	12
Not previous treated	530	Under treatment at end of year	480
Transferred	924	Under treatment during year	1,622

Articles Completed by Patients: 6 art squares, 12 ascots, 89 paper bags, 174 table covers, 50 parole card covers, 8 rug frame covers, 115 caps, 58 centerpieces, 55 face cloths, 1 collar set, 40 costumes, 7 chair sets, 4 doilies, 6 door stops, 140 dozen crepe paper flowers, 86 key cords, 116 pairs mittens, 2 piano scarfs, 17 pillows, 47 pillow tops, 16 place mats, 179 rugs, 286 runners, 19 shoulderettes, 1 spread, 4 trackers, 9 vases, 46 waste baskets, 241 wool scarfs, 1 fernery. At Lovering Colony the following were made: 1 art square, 4 centerpieces, 55 table covers, 6 doilies, 6 place mats, 38 runners, 10 scarfs, 1 6-piece set, 4 trackers.

Miscellaneous: 6 picture backs repaired, 9 "No Smoking" signs lettered, 2 doorway signs lettered, 2 vegetable reports ruled and lettered, 12 drafts made, 1 case record ruled, 38 posters made, 1 eye testing machine repaired, 41 jars painted, 387 yards of evergreen used in making Christmas decorations.

Book-binding: During the year the following books were bound: 45 medical journals, 4 dental magazines, 7 occupational therapy magazines, 2 autopsy reports, 17 annual reports of hospitals.

SCHOOL OF NURSING

Principal — Annie A. Hall, R.N.

During the past year, the school has been especially active, including in its teaching program regular students of the school, affiliating students and attendant nurses. In August the teaching unit in the new hospital building was opened which, by giving increased facilities, added a fresh impetus to the work of teaching. The courses to student nurses have been planned and outlined with a view to meeting present day needs in nursing, and the course of instruction for attendant nurses, revised and expanded by the Committee on Nurses' Training Schools of the Department of Mental Diseases, has been fully instituted so that all who are engaged in caring for the sick now participate in the activities of the school.

The enrollment for the year was as follows: Senior students, 7; intermediate students, 4; preliminary students, 6; affiliating students, 23; attendant nurses, 93.

The reciprocal affiliation with St. Luke's Hospital, New Bedford, has been in effect for the past year, and has resulted in gratifying results to both schools. A four months affiliation with the Melrose Hospital School of Nursing was put into effect, and students from that school were received on October 1.

The following changes and additions have occurred in the nursing staff: Miss Kathleen Holland, R.N., B.S., a graduate of Yale University School of Nursing, 1933, was appointed teaching supervisor. Miss Rita Brady, R.N., a graduate of Taunton State Hospital School of Nursing, 1935, was promoted from head nurse to supervisor. Miss Ruth Feingold, R.N., a graduate of Taunton State Hospital School of Nursing, 1936, and Miss Mamie Stevens, R.N., and Miss Irene Aylward, R.N., were appointed head nurses to fill vacancies which occurred in these positions.

All members of the nursing staff have been actively allied with the nursing organizations of the district and state, and the school has been well represented at all meetings.

The Alumni of the school continues to show its interest in the students. Its generous gift of money for the purchase of books has added many worthwhile books to the shelves of the nurses' reference library. The annual prize awarded by the Alumni for a theme on psychiatric nursing was won by Miss Ruth Feingold, R.N.

With the use of well equipped classrooms and laboratories, and with pleasant and convenient wards for the practice of nursing, the school has started another year under auspicious conditions, and an endeavor is being made to maintain the highest degree of efficiency in our nursing service.

RELIGIOUS SERVICES

As has been the custom in the past, religious services are conducted weekly. Mass is celebrated at the main hospital and both Colonies once a week for the benefit of the Catholic patients. There is a Protestant service held at the main hospital every Sunday afternoon, and other Protestant services are conducted at each Colony. Services are held for the benefit of the Jewish patients each Sunday. The choirs for the different services are under the direction of Miss Alta Densmore and are composed entirely of patients. The different clergymen have visited the

hospital frequently, and made numerous sick calls during the year. Their cooperations is greatly appreciated.

The following clergymen have assisted us during the year: Reverends, Leroy G. Allen, Frederick W. Alden, Wilton E. Cross, J. Linton Dwyer, John Findlay, Cyril Hartman, C. Leonard Holton, Francis Maloney, H. Martyn Medary, Paul Meyers Manley Shaw, W. Douglas Swaffield, Arthur Tansey, Manning P. Tobey, Hansel Tower and Rabbi Jonas Kamin.

LIBRARY

Director — Charles St. Clair Wade, A.B., A.M.

The magazine service has been continued successfully during the past year, the only interruptions being the temporary removal of a holder for repair or renewal. In all cases but two, this has been the result of normal wear of much read magazines. The total number, 52, is slightly less than that of last year, as several magazines have either been merged into others or have ceased to be published. With the exception of those reserved for temporary or permanent binding, the magazines returned from the wards are regularly divided between the two tuberculosis wards. As gift magazines are received, they are sent regularly to those wards on both divisions which do not have the current subscription magazine service.

The book service was continued regularly to both colonies and fourteen wards, eight on the female and six on the male division, up to the opening of the new buildings. The transfer of the patients from the old infirmaries caused a necessary interruption in the book service. New equipment in the form of book trucks was added during the year. This is a very welcome addition as it enables the nurse to take a supply of books to the patients' bedside for selection. Fifty-two (52) books, chiefly those of reference, which were removed from the library to the front center fifteen years ago, were returned.

Volumes of old magazines (222 in number) of no commercial value and containing articles of interest only at the time of their publication, have been removed from the shelves, as well as a number of books with too small print, badly worn or of a character that no longer appeals to the reader of today. The records have shown no call for any of these books.

Total number of books and bound magazines	6,178	Books lost, female division	11
Additions by gift, books	48	Books lost, male division	5
Additions by purchase, books	360	Books mutilated	2
Bound magazines, permanent	25	Employees' library cards	94
Bound magazines, temporary	27	Total annual circulation	7,966

The following persons contributed to our library during the past year: Mr. A. C. Bent, Mrs. Mary B. Besse, Miss G. Bliss, Mr. Frederick H. Bradford, Miss K. L. Bragg, Mr. E. A. Cornell, Mrs. William Davis, Mr. E. Russell Davol, Mrs. Elizabeth C. M. Gifford, Mrs. R. Gordon, Mr. G. Hastings, Dr. Tivio Laniinan, Mrs. Charles H. Merrill, Mrs. Frank O'Keefe, Mr. John O'Neill, Dr. Roger G. Osterheld, Miss Dorothy Park, Mrs. A. E. Paull, Miss Mary Phipps, Mrs. T. Pratt, Mr. Henry Slade, Mrs. Richard Smerdon, Miss Catherine Smith, Mrs. T. W. Smith, Reverend M. P. Tobey, Mrs. W. Ware, Mr. George Wilcox, Miss Helen Wilson, Dr. Rebekah B. Wright, Dr. William F. Wyatt.

MEDICAL LIBRARY

Director — Robert Lewis, M.D.

A considerable number of new volumes have been added to the library during the past year. These additions bring our literature in psychiatry and neurology up to date. Several obsolete volumes were discarded to make room for the more recent books. The current periodicals have been bound into volumes by the occupational therapy department which greatly facilitates their filing. The method of classification as used in the Boston Medical Library continues to be used, and proves very satisfactory. Additional shelf space will be necessary in the near future since our available space at the present time is almost depleted. Approximately 40 text books treating with pathology and related laboratory work have been moved to

the laboratory in the new hospital building. The personnel of this department find this very satisfactory in that the books are more accessible for reference purposes. At the present time the entire medical library consists of 165 books pertaining to neurology and psychiatry, 569 books and volumes pertaining to the various medical specialties, medical history and hospital reports, and 387 bound volumes of the current medical periodicals.

Several medical text books were presented to the library during the year by Dr. Rebekah B. Wright, hydrotherapist for the Department of Mental Diseases.

STEWARD'S DEPARTMENT
Steward — Frederick H. Bradford

Kitchen and Bakeshop. As in past years, every effort has been made to increase the variety as well as the quality of our foods both for patients and employees. Much attention has been paid to the serving of coffee, and several changes have been made which have greatly improved that product. An increase in the number of eggs and fresh fruit used has contributed much to the satisfaction of the patients. Constant supervision of the table waste from all diningrooms has resulted in lessening the amount as well as furnishing us with much valuable information relative to the likes and dislikes of the individual and the efficiency of the kitchen. More than 75 per cent of our patients are now fed by the cafeteria method which has been in use here for more than seven years giving complete satisfaction.

Special diets have been furnished to all of those needing them. A new diet kitchen was established in the hospital building during the year for the purpose of taking care of the special diets in the new hospital group. The importance of these diets is very great, and the need for them in a mental hospital is portrayed by the following list which shows the diets served during the year:

Allergic (milk)	2,000	Low fat	1,053
Anemia	8,172	Low protein	1,437
Cardiospasm	456	Low salt	1,181
Diabetic	26,909	Low vitamin	180
Gastric	8,433	Soft solid	825
High caloric	30,081	Supplementary	23,001
High vitamin	183	Wheat allegory	1,038

Total 104,949

Laundry. This department has continued to function satisfactorily despite the many physical handicaps which must be overcome. Some of the worn out equipment has been replaced, but several other machines must also be replaced in the near future. It is hoped that an appropriation for a new laundry building will not be long in coming, as the old building is far from satisfactory due to difficulty in transporting from one floor to another, as well as a general lack of space. For some time it has been necessary to operate seven days a week in order to do the work. This is accounted for by the great increase of patients and employees since the capacity of the laundry was established. A total of 2,347,559 pounds of work was handled during the year.

Mr. Frank Roffey, Laundry Investigator for the Commonwealth, has visited us regularly, and his services and suggestions have been greatly appreciated.

The dry cleaning equipment continues to work satisfactorily, and a total of 2,136 pieces of work were cleaned.

Garage. No additional equipment was added to this department during the past year. The policy of mechanical upkeep of tractors, concrete mixers, lawn mowers, etc., has been continued, and all work of this nature has been satisfactorily handled. A total of 85,456 miles were covered by the different motor vehicles without a serious accident.

Storeroom. The activities of this unit continue with little or no change. Every possible care is taken to see that all food stuffs and merchandise delivered are up to the specifications. Inventories have been taken regularly and checked.

Salvage Yard. The activities of this department have increased over those of the previous year. There seems to be no end of material that must be constantly brought here either to be sold, temporarily stored or repaired, and in the handling of these duties no great difficulties have been experienced.

Industrial Department. This department, which covers activities too numerous to mention, continues to turn out very satisfactory work. There were no new developments of importance during the year, but every effort was made to improve on past developments.

Furniture Shop:

Made. — 2 baker's peels, 12 baskets, 24 basket bases, 27 boxes, 2 cabinets, 1 checker board, 11 doors, 81 frames, 9 handles, 6 paddles, 2 pulpits, 63 racks, 90 screens, 17 stands, 10 tables, 6 trays.

Repaired. — 7 baker's peels, 18 baskets, 23 blinds, 19 boxes, 9 bureaus, 20 benches, 561 chairs, 8 desks, 207 doors, 21 drawers, 9 elevators, 2 ferneries, 8 floors, 3 frames, 1 hamper, 39 keys, 461 locks, 3 looms, 3 mirrors, 1 piano stool, 11 polishing blocks, 40 racks, 6 sashes, 9 saws, 14 scissors, 178 screens, 42 stepladders, 116 tables, 16 trays, 5 ventilators, 14 wardrobes, 244 windows.

Industrial Shop:

Made. — 750 brooms, 155 brushes, 1 can, 5 colanders, 3 dippers, 36 dust pans, 1 flue and elbow, 6 keys, 669 mattresses, 285 menu letters, 17 pails, 3 pans, 940 pillows, 20 rope mats, 45 shades, 3 spatulas, 14 steamers, 1 stove pipe, 1 strainer, 62 wreaths.

Repaired. — 5 baskets, 64 brushes, 80 cans, 30 chairs, 24 clocks, 1 colander, 1 container, 13 covers, 23 cues, 2 dippers, 11 dispensers, 4 divans, 1 door, 1 egg beater, 1 hamper, 3 ice boxes, 1 locker, 14 pails, 25 pans, 27 racks, 2 scoops, 8 shades, 1 sieve, 1 sinkboard, 1 strainer, 11 sprayers, 15 tanks, 12 thermometers, 11 tins, 1 ventilator, 7 wringers.

Upholstered. — 1 back rest, 19 chairs, 19 cushions, 4 divans, 3 hassocks, 2 head rests, 1 piano stool, 1 pool table, 4 sofas.

Caned. — 72 chairs, 1 stool.

Miscellaneous: — 2 baskets lined with galvanized iron, 1 box lined with metal, 37 pans stamped, 517 trays polished, 18 wooden trays covered with galvanized iron.

Tailor Shop:

Manufactured. — 194 bathrobes, 88 cotton coats, 102 pairs cotton pants, 5 pairs pajamas, 152 jumpers, 360 pairs overalls, 396 rag rugs, 37 vests, 37 woolen coats, 110 woolen suits.

Repaired. — 2 carpets, 10 coats, 1 curtain.

Cleaned and Pressed. — 1 cape, 18 coats, 4 dresses, 12 neckties, 6,088 suits, 1 sweater.

Cleaned and Blocked. — 122 hats.

Miscellaneous. — 2,142 grommets put in bags, 192 grommets put in towels, 259 grommets put in tub covers.

Shoe Shop:

Manufactured. — 451 pairs men's shoes, 60 pairs women's shoes, 48 pairs slippers, 25 pairs straps.

Repaired. — 1 arch, 1 belt, 2 harnesses, 12 magazine covers, 25 pairs overshoes, 35 straps, 1 truss, 1,201 pairs taps, 1,138 patches, 1,706 pairs heels put on, 95 pairs heel linings put in, 599 pairs laces put in, 54 pairs innersoles put in, 802 rips sewed up, 68 pairs slippers taped and marked.

Sewing Room:

Manufactured. — 605 aprons, 96 bed jackets, 230 bed pan covers, 278 bibs, 49 binders, 1 bradford frame cover, 12 capes, 18 caps, 114 chair sets, 21 coffee bags, 219 pairs curtains, 1 cushion cover, 409 dresses, 122 face cloths, 20 fomentation cloths, 24 glove cases, 30 gowns, 24 hammocks, 34 ice cap covers, 27 instrument covers, 379 laundry bags, 135 mattress ticks, 609 men's night shirts, 581 men's shirts, 67 pairs mittens, 12 mop bags, 12,430 napkins, 66 pairs pajamas, 12 pairs pants, 6 pastry bags, 1,985 pillow cases, 36 puff covers, 107 pairs overdresses, 305 screen covers, 2,648 sheets, 27 shrouds, 1,116 sick shirts, 19 silence cloths, 12 slings, 82 slips, 52 sofa pillows, 47½ yards swedish cloth, 260 table cloths, 106 pairs tie backs, 5,846 towels, 49 tub covers, 336 utility cases, 58 valances, 478 women's nightgowns.

Miscellaneous. — 50 blankets hemmed, 22 blankets made over, 141 blankets tagged, 59 sheets tagged.

At Lovering Colony the following were made. — 81 dresses, 48 men's nightshirts, 224 napkins, 283 sheets, 140 shrouds, 86 sick shirts, 27 slips, 26 pairs tie backs, 125 towels, 26 valances.

Miscellaneous. — 14 pairs curtains hemstitched, 49 puffs covered.

Mending Room:

Repaired. — 1,009 aprons, 237 bathrobes, 153 bed pan covers, 12 bibs, 427 blankets, 223 B.V.D., 1 cap, 125 coats, 105 curtains, 1,770 drawers, 7,002 dresses, 8 face cloths, 165 gowns, 5,655 laundry bags, 269 mattress ticks, 1,495 napkins, 7,612 night dresses, 192 pairs overalls, 16 pairs pants, 441 pillow slips, 11 puffs, 2,827 sheets, 6,419 shirts, 2,593 slips, 631 spreads, 11,243 stockings, 62 sweaters, 105 table cloths, 515 towels, 1,193 tub covers, 2,019 unionsuits.

FARM

Director — Mr. Fred Gullon

Our farm continues to be one of the most important departments of the hospital. It continues to furnish us with a large supply of farm products, and gives healthy, outdoor work for a great number of patients. The value of the farm cannot be over-rated, either from the financial or therapeutic standpoint. The value of the food products delivered during the year to the storehouse for consumption was \$55,025.57. This sum is substantially greater than last year despite the fact that the policy of not raising potatoes was instituted. It is to be hoped that this policy will eventually make possible the establishment of a system of crop rotation which will ultimately be of great benefit to our soil.

The production of our herd has increased materially during the past year due to the elimination of Bang's Disease by vaccination, and the addition of producing cows from other state hospital herds. At the end of the year, the supply of fresh milk was sufficient to meet our demands.

Our piggery still continues to operate under great difficulties because of crowding and lack of acreage. Despite this fact, it has been possible to keep up our regular schedule of delivering approximately three thousand pounds of fresh pork to the storehouse every two weeks. This is a very important item on our menu, and we are hoping that it will be possible to have a larger piggery on a new location where grazing facilities will be greatly increased, as we believe that the continuance of this industry is an essential element in the economy of our food service.

The poultry department has been operated on the same basis as last year. In the early spring 3,000 day-old chicks were purchased, and from these approximately 1,200 pullets were selected and placed in the laying house on September 1. During the year, our production equaled an average of 203 eggs per hen. Several thousand pounds of chicken and fowl were delivered to the storehouse. The profit earned was entirely satisfactory, and the cost of producing eggs was far below the market price. This state of affairs has continued for several years, and we now believe that we are fully justified in doubling the work of this department. A laying house for 2,400 hens has been practically completed, and we are planning brooder accommodations for 6,000 chicks, the number for which an order has been placed for the coming year.

Our greenhouse is very old and difficult to maintain. It is also quite lacking in space, and the satisfactory production of flowers for the wards and seedlings for the farm is becoming more and more difficult. As a matter of fact, we have not been able to furnish the additional plants needed in our new buildings recently opened. In order to correct this deficiency, we are planning to build a new greenhouse in the vicinity of the present piggery just as soon as an appropriation is forthcoming. This industry is considered a non-essential by many people, but we firmly believe that it plays a very important part in the treatment of our patients, in addition to the fact that it is an absolute necessity insofar as our farming activities are concerned. The landscaping program has been continued during the past year, and we are hoping that it will not be long before our grounds will present a finished appearance. We have continued to raise an increasing number of outdoor flowers and shrubs which are used in landscaping. Much time has been spent in tree surgery and moth control.

Our apple orchards produced a very satisfactory crop for young trees. We now have a peach orchard which should bear before long. The strawberry crop was entirely satisfactory. We are constantly trying to increase the fruits produced, and this year one and one-half acres of raspberry plants were set out.

The production of the farm was as follows: (in pounds), 14,660½ beef, 3,038½ broilers, 131 chicken, 4,915 fowl, 1,814½ liver, 66,205½ pork, 646,619 milk, 4,708 asparagus, 1,330 lima beans, 4,295 shell beans, 31,013 string beans, 29,462 beets, 313 broccoli, 177 brussels sprouts, 63,745 cabbage, 13,216 canteloupe, 81,917 carrots, 1,717 cauliflower, 979 celery, 13,550 green corn, 6,142 sweet corn, 8,535 cucumbers, 2,184 dandelions, 2,591 egg plant, 672,000 ensilage, 2,436 kale, 250 leek, 5,368 pumpkin, 1,466 radish, 6,369 rhubarb, 2,121 spinach, 33,088 summer squash, 105,823 winter squash, 104,780 tomatoes, 69,835 turnips, 3,783 turnip greens, 430 blackberries, 4,461 grapes, 120 pears, 12 raspberries, 9,936 strawberries, 24,673 apples (1st), 1,600 apples (2nds), 14,961 10/12 dozen eggs.

It was not possible to consume all the vegetables mentioned above, and the following is a list of the canning and preserving for the year: (No. 10 cans) 126 apples, 5,690 string beans, 315 beets, 3,337 carrots, 1,426 chard, 6,159 tomatoes, 1,061 quarts grape jelly, 850 gals. piccalilli, 240 gals. cucumber pickle.

REPAIRS ORDINARY

Our mechanics have accomplished much during the year, and with a very few exceptions, our buildings are in good repair, both inside and outside. This, it is felt, is quite an accomplishment as many of our buildings are very old, some of them having been built ten years before the Civil War.

A large henhouse has been erected and much time has been spent in making changes recommended by the fire inspectors.

A new tile floor was installed in the kitchen at Lovering Colony, and extensive replacements and alterations have been made in the plumbing and heating systems.

The number of mechanics has not been increased despite the fact that tremendous additions to the plant have been made. It is hoped that this deficiency will be corrected before very long.

REPAIRS AND RENEWALS

The following improvements were made possible by appropriations under this heading during the year:

A high pressure sprayer which will enable us to spray shade trees, as well as fruit trees, was purchased for the farm. This will be a great help to us in preserving our shade trees.

New roofs were installed on the porches of the Murray Building, and the verandas of East and West Extensions.

Two new presses replaced two worn-out ones in the tailor shop.

A lathe, a shaper and a jigsaw replaced old machines of this type in our carpenter shop.

Fire escapes were added to the Administration Buildings, and new furniture and equipment were purchased for the staff dining rooms.

A new steam line and hot water heater were installed in the Murray Building. This was badly needed as the old line was in very poor shape.

Linoleum, cement and steel were purchased for the purpose of continuing the program of fireproofing the first floor of the Administration Building.

The doors separating the Administration Building from the Choate Building were replaced by some of fireproof construction.

A shirt unit and two new presses were added to the equipment in the laundry.

The following items have been requested under this heading for next year: Brooder house and equipment — Borden Colony; underground electric services to female and married couples' homes; connection distribution lines to homes and cottages; kitchen equipment; signals for sprinkler system; electric clock system; heating equipment — colony and cottages; replacement fire doors — hospital; fireproof floors — Old Hospital Building; floor polishers; laundry machinery — two, 42 by 84 inches, Washers.

SPECIAL APPROPRIATIONS

Public Works Administration Project No. 4477 has been completed. A hospital and an infirmary building with all the necessary equipment were included in this project. Approximately 300 sick and infirm patients were moved to these buildings during the month of August.

Public Works Administration Project No. 1139R — The end of the year finds this project nearing completion. This building will accommodate more than 150 women employees, and will make possible the discontinuance of quartering employees away from the institution.

Renovation of Infirmaries. — The sum of \$100,000 has been appropriated by the Legislature for the purpose of renovating Brown and Howland Infirmaries. These buildings have been in use for forty-five years. They were vacated at the time our new buildings became available, and it is very fortunate that we are able to do this renovating at this time, as it would be practically impossible to vacate them at a later date. Plans are being prepared, and it is hoped that before another year goes by both of these buildings will be in excellent condition. We are planning to use them for the better type of continued treatment cases, many of whom are employed and have outdoor privileges.

Renovation of Bath and Toilet Sections on Male and Female Wards. — The sum of \$10,000 was appropriated by the Legislature to make possible the continuance of this project. After this sum has been expended, there will still be much left to accomplish. Because of the urgent necessity of these renovations which have been outlined in several of our previous reports, we hope that an amount sufficient to complete this work will be granted during the coming year.

Power Plant Renewals and Rewiring. — Our present power plant was established more than thirty years ago, and while it is in very good running order, it will not furnish the electrical energy necessary to supply the demands of the hospital at the present time; consequently, the generators, transformers and switchboard must be replaced. In addition, a new transmission line must be established between the power plant and the new group, and much of the wiring in the main building must be replaced. These buildings were wired more than thirty years ago, and the trunk lines which run from the power plant to the risers in the building are not encased in conduit, and most of them are within easy access to anyone who may be passing through the basement. This project is an absolute necessity.

Laundry Building and Equipment. — The condition of our laundry building and its equipment has been described in previous reports. The building is old and not properly equipped with elevators. The additional work due to the increase in the number of patients and employees has served to accentuate the defects in an already overworked unit. The machines, with a few exceptions, must be replaced in the near future. The work now being done requires continuous performance, and it is difficult to see how new machinery can be installed without seriously interrupting the service; consequently, in view of the fact that the space in the present building can be used to advantage for other purposes, it is recommended that a new laundry building be erected and equipped with new machinery while the other laundry is still operating. Unless this project is given favorable consideration in the near future, it is feared that a very embarrassing emergency may arise.

Installation of Fire Alarm System. — At the present time the person who discovers a fire must call the telephone operator who spreads the alarm. This method has functioned satisfactorily for many years, but it is easy to see that valuable time might well be lost, and the installation of a modern system is recommended whereby the alarm is sounded in the building in which the fire is discovered, and warnings sent to the various officers needed in such an emergency, by the pulling of a fire box located on each ward, by the person discovering the fire.

Kitchen and Dining Room Building — Hospital Group. — This building was under consideration at the time the buildings recently completed were approved, but it could not be included in the program because of insufficient funds. Until such time as this building is erected, food for the patients quartered in the new group will have to be transported from the main group through a tunnel. This arrangement is not satisfactory, and should not exist longer than is absolutely necessary. When the additional employees necessary to operate the old infirmary

buildings which are now being renovated, become part of our organization, it is difficult to say how we will feed them. This project constitutes a very important link in the construction of the new hospital group and is deserving of careful attention.

Infirmiry Building — Hospital Group. — In the new hospital group, one unit consists of a hospital building and two infirmiry buildings. The hospital building and one of the infirmiries were completed last year, but it will not be possible for the unit to function properly until the second infirmiry is a reality. The hospital building is equipped with medical and surgical facilities, laboratories, quarters for sick employees and a training school for nurses, as well as two wards, one for men and one for women who are in need of medical and surgical attention. The infirmiry building has three wards for infirm patients and one ward for patients suffering from Tuberculosis. It is not possible to use this ward in the infirmiry building for the purpose for which it was intended, as the space in the building is needed for the infirm. This means that the present wards for the treatment of Tuberculosis will have to continue to function. If the number of patients of this type continues to increase in proportion to the recent increases in our population which is to be expected, the facilities of these wards will be exhausted, and suitable quarters for this type of patient do not seem to be available in other parts of the building. This alone makes the construction of this building highly desirable. In addition, the percentage of infirm patients is constantly increasing, and the space which this building will afford for this type of patient is urgently needed.

Building for Acute Recoverable Cases. — This building will consist of six wards, three for men and three for women, together with complete facilities for hydrotherapy and occupational therapy. Provisions for the serving of meals and a small hall for entertainments will make it unnecessary for these patients to associate with those whose illness is of a chronic nature. At the present time, patients of this type must be admitted to wards where chronic patients are quartered, and our present facilities for hydrotherapy have been in use for many years and are practically worn out. The location of the continuous bathroom, as well as the tonic bath suite, is very bad, and on the whole, the erection of this building would correct many difficulties, and make it possible for us to render very much better service. One could easily believe that the duration of hospital residence would be lessened also.

Building for the Treatment of Acute Exacerbations in Chronic Cases. — This building will be similar to the building for acute recoverable cases in many ways. It will have six wards, three for men and three for women, and ample facilities for the application of hydrotherapy and occupational therapy. Kitchen and dining-room facilities will be necessary, but much of the space needed for administrative activities in the other building will not be necessary. Certain parts of this building should be air conditioned so that it could be operated without opened windows. The need for a building of this type is very acute, as many of the patients who are quite noisy are now confined near patients of the convalescent type who are disturbed by them.

Call System for the Nurses' Home. — At the time our new nurses' home was built, the installation of this system was anticipated, and the necessary conduits were installed; consequently, at the present time, only the wiring and mechanical apparatus are needed. This system will be quite necessary in the operation of the home, as there is no other method available for calling the occupants who happen to be in their rooms.

Relocation of Farm Units now Operating at the Main Hospital. — During the past year we have made considerable progress in the relocation of our poultry plant. A new laying house which will accommodate 2,400 hens will be completed early next year, and we are hoping that funds will be made available for the purpose of building new brooder houses in 1938. This being so, our poultry plant can be completed. The piggery is now located within a few yards of our new hospital building and new nurses' home, and because of this and many other reasons, it must be removed. In view of the desirability of continuing the production of pork, it is highly important that this unit be relocated. An appropriation for this purpose has been requested, and if it is granted, a new plant will be established at our Borden Colony

in Raynham. A new root cellar and greenhouse are also included in this project, as our old root cellars and greenhouse are in poor condition and entirely inadequate. Vegetables are now stored in buildings occupied by employees, a highly undesirable practice. The old root cellars are located far from the place of consumption, necessitating transportation in the cold months which should be accomplished when the weather is good. To correct this, it is proposed to establish a new root cellar in the vicinity of the storehouse. Our greenhouse was created so many years ago that its maintenance is very expensive and its capacity quite inadequate. It is also located on the site of the new administration building. It is, without question, a part of the garden unit and it is proposed to build a new greenhouse in the vicinity of the present henery.

Establishment of a New Entrance on Bay Street. — For many years we have had under consideration the establishment of a new entrance on Bay Street which would not only render access to the hospital much easier for the public, but would also serve to eliminate much of the needless traffic which passes through our grounds. This project includes the purchase of real estate, the construction of a bridge across the Mill River, and the necessary roads and sidewalks. This is a worthwhile project, and it is believed that the institution would be greatly benefited by its accomplishment.

Officers' Cottages. — At the present time it is necessary for many of our married physicians to live in undesirable quarters in the administration building, and it is hoped that this condition may be remedied by the erection of single or double houses. This is a worthwhile project and should be completed in the near future.

Employees' Garages. — Many of our employees own automobiles. It is next to impossible for them to garage these cars off the hospital grounds because of the great distances involved; consequently, we have been forced to furnish them with an outdoor parking space. This is not satisfactory from either the standpoint of the hospital or the employee, and it is believed that garages which could be rented to the employees at a reasonable rate should be built as soon as possible. The garages for this purpose which were built some years ago have proven to be good investments from the standpoint of the Commonwealth.

WORKS PROGRESS ADMINISTRATION

Work began on a new project known as Roads and Grading at the Main Hospital in the early Spring. This project includes building the roads and sidewalks, as well as the grading and landscaping necessary in the vicinity of the hospital and infirmary buildings which were opened during the year. The project is a large one, and more men, if obtainable, could have been worked to advantage. Despite this, the work has progressed satisfactorily, and the end of the year found the project 65% complete.

Requisitions have been made for two other projects, one to supplement the project mentioned above, and the other to do similar work in the vicinity of the new nurses' home. These projects have not yet been approved, but we hope that they will receive favorable consideration.

OUT-OF-STATE VISITORS

Miss Dorothy Bailey, Dietitian, Rhode Island State Hospital for Mental Diseases, Howard, Rhode Island; Benjamin Baker, M.D., Superintendent, Laconia State School, Laconia, New Hampshire; Mr. Roscoe P. DeWitt, Architect, Dallas, Texas; Diomedes Guertin, M.D., Resident Physician, New Jersey State Hospital, Marlboro, New Jersey; Mr. A. L. Hamilton, Architect, Logansport State Hospital, Logansport, Indiana; Seth H. Howes, M.D., Superintendent, Rhode Island State Hospital for Mental Diseases, Howard, Rhode Island; Mr. Herbert O'Connor, Superintendent, New Jersey State Hospital, Marlboro, New Jersey; Miss Marion R. Spear, Director of Occupational Therapy, Kalamazoo State Hospital, Kalamazoo Michigan; C. L. Williams, M.D., Superintendent, Logansport State Hospital, Logansport, Indiana.

ACKNOWLEDGMENTS

At the close of this report, it is my desire to extend to all those who have co-operated with us during the year and who are interested in the welfare of the hospital and its patients, my sincere appreciation. I am very grateful for the assistance received from the Board of Trustees and to all the employees for their efforts in behalf of the hospital.

Respectfully submitted,

RALPH M. CHAMBERS,

Superintendent.

VALUATION

November 30, 1937

REAL ESTATE

Land, 467.956 acres	\$62,075.00
Buildings and betterments	2,390,816.60

\$2,452,891.60

PERSONAL PROPERTY

Travel, transportation and office expenses	\$5,550.70
Food	17,973.96
Clothing and materials	24,387.25
Furnishings and household supplies	131,466.47
Medical and general care	120,806.20
Heat and other plant operation	330.39
Farm	47,305.58
Garage and grounds	6,493.08
Repairs	13,028.88

\$367,342.51

SUMMARY

Real estate	\$2,452,891.60
Personal property	367,342.51

\$2,820,234.11

FINANCIAL STATEMENT

To the Department of Mental Diseases:

I respectfully submit the following report of the finances of this institution for the year ending November 30, 1937.

STATEMENT OF EARNINGS

Board of patients	\$64,683.86
Personal services	197.92

Sales:

Travel, transportation and office expenses	\$59.39
Food	799.49
Clothing and materials	48.17
Furnishings and household supplies	5.97
Medical and general care	7.15
Heat and other plant operations	1.35
Garage and grounds	1.50
Repairs ordinary	347.33
Farm: (calves, \$213.40; hides, and green bones, \$163.37; miscel. \$252.55)	629.32

Total Sales \$1,899.67

Miscellaneous:

Interest on bank balances	\$87.51
Rents	1,460.50
Board of employees	260.00
Miscellaneous	51.38

Total Miscellaneous 1,859.39

Totalearnings for the year \$68,640.84

Total cash receipts reverting and transferred to the State Treasurer 68,454.84

Accounts receivable outstanding December 1, 1936 None

Accounts receivable outstanding November 30, 1937 \$186.00

Accounts receivable increased \$186.00

MAINTENANCE APPROPRIATION

Balance from previous year, brought forward	\$3,564.09
Appropriation, current year	694,805.00

Total \$698,369.09

Expenditures as follows:

Personal services	\$380,524.30
Food	127,524.37
Medical and general care	11,540.00
Religious instruction	2,165.00
Farm	27,746.61
Heat and other plant operation	59,458.14

Travel, transportation and office expenses	6,967.92
Garage and grounds (garage, \$3,584; grounds \$1,079.91)	4,663.91
Clothing and materials	11,724.62
Furnishings and household supplies	28,421.93
Repairs ordinary	12,636.52
Repairs and renewals	16,702.05
Total maintenance expenditures	\$690,075.37
Balances of maintenance appropriation, November 30, 1937	\$8,293.72
	\$698,369.09
SPECIAL APPROPRIATIONS	
Balance December 1, 1936, brought forward	\$461,274.15
Appropriations for current year	124,545.40
Total	\$585,819.55
Expended during the year (see statement below)	\$365,940.00
Reverting to Treasury of Commonwealth	* 51.91
	\$365,991.91
Balance November 30, 1937, carried to next year	\$219,827.64

APPROPRIATION	Act or Resolve Chap. Yr.	Total Amount Appropriated	Expended during fiscal year	Total Expended to date	Balance at end of year
Mass. State Project M-47 PWA Docket 4477, Hospi- tal Building		\$1,042,747.17	\$108,232.82	\$1,038,533.84	\$4,213.33
Mass. State Project M-46 PWA Docket 5440, Sprink- lers		16,015.70	114.19	16,015.70	-
Mass. State Project M-106 Boilers and Equipment		96,432.53	10,264.80	95,544.46	888.07
Mass. State Project M-107 PWA Docket 1139		329,000.00	229,907.14	236,174.68	92,825.32
Laundry equipment	249-1935	6,100.00	226.97	6,093.27	6.73*
Purchase of land	249-1935	300.00	-	277.41	22.59*
Purchase of Staples' property	249-1935	3,100.00	-	3,077.41	22.59*
Purchase of laundry equip- ment	304-1936	3,645.00	3,565.98	3,565.98	79.02
Renovation of baths and toilets	304-1936				
	234-1937	20,000.00	8,869.33	8,869.33	11,130.67
Services and materials Works Progress Administration	434-1937	15,000.00	4,758.77	4,758.77	10,241.23
Land of Raynham Colony	234-1937	450.00	-	-	450.00
Renovating infirmaries	434-1937	100,000.00	-	-	100,000.00
		\$1,632,790.40	\$365,940.00	\$1,412,910.85	\$219,879.55
Less Amounts Reverted					51.91
					\$219,827.64

PER CAPITA

During the year the average number of patients has been, 1,649.
Total cost of maintenance, \$690,075.37.
Equal to a weekly per capita cost of (52 weeks to year), \$8.0477.
Total receipts for the year, \$68,640.84.
Equal to a weekly per capita of, \$8.005.
Total net cost of Maintenance for year, \$621,434.53.
Net weekly per capita, \$7.2472.

Respectfully submitted,
YVONNE B. PATENAUDE,
Treasurer.

Financial statement verified.
Approved. GEORGE E. MURPHY,
Comptroller.

STATISTICAL TABLES

AS ADOPTED BY THE AMERICAN PSYCHIATRIC ASSOCIATION PRESCRIBED BY
THE MASSACHUSETTS DEPARTMENT OF MENTAL DISEASES

TABLE 1. General Information

(Data correct at end of institution year November 30, 1937)

Date of <i>opening</i> as a hospital for mental diseases, 1854.	
Type of hospital: State.	
Hospital plant:	
Value of hospital property:	
Real estate, including buildings	\$2,452,891.60
Personal property	367,342.51
Total	<u>\$2,820,234.11</u>

Total acreage of hospital property owned, 467.956.
Total acreage under cultivation during previous year, 149¼.
Officers and employees:

	Actually in Service at End of Year			Vacancies at End of Year		
	M.	F.	T.	M.	F.	T.
Superintendents	1	-	1	-	-	-
Assistant physicians	10	1	11	1	-	1
Total physicians	11	1	12	1	-	1
Stewards	1	-	1	-	-	-
Resident dentists	1	-	1	-	-	-
Pharmacists	-	1	1	-	-	-
Graduate nurses	1	34	35	-	-	-
Other nurses and attendants	122	108	230	3	3	6
Occupational therapists	-	5	5	-	-	-
Social workers	-	3	3	-	-	-
All other officers and employees	76	70	146	4	4	8
Total officers and employees	212	222	434	8	7	15

Classification by Diagnosis September 30, 1937
Census of Patient Population at end of year:

	Actually in Hospital			Absent from Hospital but still on Books		
	M.	F.	T.	M.	F.	T.
WHITE:						
Insane	804	825	1,629	94	105	199
All other cases	1	-	1	-	-	-
Total	805	825	1,630	94	105	199
OTHER RACES:						
Insane	20	20	40	3	4	7
Total	20	20	40	3	4	7
Grand Total	825	845	1,670	97	109	206

	M.	F.	T.
Patients under treatment in occupational-therapy classes, including physical training, on date of report	113	365	478
Other patients employed in general work of hospital on date of report	387	281	668
Average daily number of all patients actually in hospital during year	819.5277	824.5804	1,644.1081
Voluntary patients admitted during year	5	4	9
Persons given advice or treatment in out-patient clinics during year	276	255	531

TABLE 2. *Movement of Patient Population for the Year Ended September 30, 1937*
(Data in all of the following tables are based on the Statistical Year, October 1, 1936 to September 30, 1937)

	TOTAL			REGULAR COURT COMMITMENT (INSANE)			OBSERVATION			TEMPORARY CARE			VOLUNTARY		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Patients on books of institution September 30, 1936	898	917	1,815	894	915	1,809	1	1	2	2	-	2	1	1	2
Admissions during year:															
First admissions	220	216	436	159	179	338	28	13	41	30	22	52	3	2	5
Readmissions	79	67	146	63	61	124	3	3	6	11	1	12	2	2	4
Total admissions	299	283	582	222	240	462	31	16	47	41	23	64	5	4	9
Transfers from other mental hospitals	9	7	16	9	7	16	-	-	-	-	-	-	-	-	-
Total received during year	308	290	598	231	247	478	31	16	47	41	23	64	5	4	9
Total on books during year	1,206	1,207	2,413	1,125	1,162	2,287	32	17	49	43	23	66	6	5	11
Discharged from books during year:															
As recovered	61	55	116	28	44	72	15	7	22	16	4	20	2	-	2
As improved	61	57	118	59	45	104	1	3	4	1	7	8	-	2	2
As unimproved	7	9	16	4	6	10	1	-	1	2	3	5	-	-	-
As without psychosis	26	8	34	-	-	-	9	1	10	15	5	20	2	2	4
Total discharged to community	155	129	284	91	95	186	26	11	37	34	19	53	4	4	8
Transferred to other mental hospitals	27	22	49	27	22	49	-	-	-	-	-	-	-	-	-
Died during year	102	102	204	89	95	184	4	3	7	9	4	13	-	-	-
Total discharged, transferred and died during year	284	253	537	207	212	419	30	14	44	43	23	66	4	4	8
Patients remaining on books of hospital at end of year:															
In hospital	825	845	1,670	823	842	1,665	2	3	5	-	-	-	-	-	-
On parole or otherwise absent	97	109	206	96	109	205	-	-	-	-	-	-	1	-	1
Total	922	954	1,876	919	951	1,870	2	3	5	-	-	-	1	-	1

NOTE: The total males and females in the Voluntary and Insane groups will not balance through September 30, 1937 owing to the fact that one male and one female had a change in legal status during the year from Section 86 (Voluntary Insane) to Section 51 (Court Commitment).

SUPPLEMENTARY DATA

	Male	Female	Total
Average daily number of patients on books during year.	927.50	937.27	1,864.77
Actually in institution during year	819.52	824.58	1,644.10
In family care	1.00	2.44	3.44
On visit	103.09	110.25	213.34
On escape	3.88	-	3.88
Number of patients actually remaining in institution September 30, 1937			
State	782	731	1,513
Reimbursing	43	114	157
Number of patients in family care September 30, 1937			
Private	1	2	3
Number of non-insane patients in hospital at end of institution year:			
Others	1	-	1

TABLE 3. *Nativity of First Admissions and of Parents of First Admissions*

NATIVITY	PATIENTS			PARENTS OF MALE PATIENTS			PARENTS OF FEMALE PATIENTS		
	M.	F.	T.	Fathers	Mothers	Both Parents	Fathers	Mothers	Both Parents
United States ¹	161	138	299	76	81	65	72	75	66
Australia	—	1	1	—	—	—	—	—	—
Austria	—	1	1	—	—	—	1	1	1
Canada ²	14	17	31	37	37	31	29	32	26
England	7	15	22	19	18	15	28	25	23
Finland	1	2	3	3	3	3	4	4	4
France	—	1	1	1	1	1	1	1	1
Germany	1	2	3	3	2	2	5	3	3
Greece	—	—	—	1	1	1	—	—	—
Ireland	7	11	18	24	24	20	28	27	23
Italy	1	2	3	3	3	3	3	3	3
Norway	—	3	3	1	1	—	3	3	3
Poland	2	3	5	4	4	4	5	5	5
Portugal	19	14	33	31	30	28	26	25	25
Russia	1	1	2	3	1	1	2	2	2
Scotland	2	2	4	3	5	3	4	6	4
South America	1	—	1	2	—	—	—	—	—
Sweden	1	1	2	3	2	2	3	2	2
West Indies ³	—	1	1	—	—	—	—	—	—
Other Countries	2	1	3	4	4	4	1	1	1
Unknown	—	—	—	2	3	2	1	1	1
Total	220	216	436	220	220	185	216	216	193

¹(Persons born in Hawaii, Porto Rico and the Virgin Islands should be recorded as born in the U. S.)
²Includes Newfoundland.
³Except Cuba, Porto Rico and Virgin Islands.

TABLE 4. Age of First Admissions Classified with Reference to Nativity, and Length of Residence in the United States of the Foreign Born

AGE AT ADMISSION	NATIVE BORN						FOREIGN BORN																							
	Aggregate			Total			PARENTAGE			TIME IN U. S. BEFORE ADMISSION																				
	Total			Foreign			Mixed			Native			Unknown			Total			5-9 years			10-14 years			15 years and over					
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.			
0-14 years	5	-	5	5	-	5	-	5	10	3	2	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
15-19 years	10	11	21	10	11	21	8	3	11	3	1	4	5	7	-	-	-	-	-	-	-	-	-	-	-	-	-			
20-24 years	14	8	22	14	8	22	3	3	6	2	2	5	3	6	-	-	-	-	-	-	-	-	-	-	-	-	-			
25-29 years	19	15	34	16	13	29	5	9	14	9	2	4	2	11	-	-	-	-	-	-	-	-	-	-	-	-	-			
30-34 years	18	19	37	15	14	29	6	5	11	5	3	7	6	11	-	-	-	-	-	-	-	-	-	-	-	-	-			
35-39 years	16	13	29	12	12	24	6	6	12	3	3	3	6	9	-	-	-	-	-	-	-	-	-	-	-	-	-			
40-44 years	24	19	43	19	9	28	11	4	15	5	5	3	5	10	-	-	-	-	-	-	-	-	-	-	-	-	-			
45-49 years	18	16	34	12	7	19	7	1	8	5	3	3	5	8	-	-	-	-	-	-	-	-	-	-	-	-	-			
50-54 years	10	12	22	5	6	11	4	4	8	1	2	3	2	3	-	-	-	-	-	-	-	-	-	-	-	-	-			
55-59 years	15	16	31	6	11	17	1	4	5	4	5	9	5	9	-	-	-	-	-	-	-	-	-	-	-	-	-			
60-64 years	14	16	30	9	8	17	4	5	9	4	3	7	6	13	-	-	-	-	-	-	-	-	-	-	-	-	-			
65-69 years	14	12	26	8	6	14	-	3	3	4	3	7	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-			
70-74 years	15	15	30	9	8	17	3	2	5	6	5	11	6	7	-	-	-	-	-	-	-	-	-	-	-	-	-			
75-79 years	15	22	37	12	13	25	4	3	7	6	10	16	1	16	-	-	-	-	-	-	-	-	-	-	-	-	-			
80-84 years	10	10	20	7	4	11	2	1	3	3	2	5	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-			
85 years and over	3	12	15	2	8	10	-	-	2	2	6	8	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-			
Total	220	216	436	161	138	299	66	57	123	27	15	42	65	66	131	3	-	3	59	78	137	-	1	1	3	1	4	56	76	132

TABLE 5. *Citizenship of First Admissions*

	Males	Females	Total
Citizens by birth	161	138	299
Citizens by naturalization	34	28	62
Aliens	25	35	60
Others	-	15	15
Total	220	216	436

TABLE 6. *Race of First Admissions Classified with Reference to Principal Psychoses*

RACE	TOTAL			With syphilitic meningo-encephalitis			With other forms of syphilis			With other infectious diseases			Alcoholic psychoses		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
African (black)	2	3	5	1	1	2	-	-	-	-	-	-	-	-	-
English	62	65	127	3	1	4	-	-	-	2	-	2	5	1	6
Finnish	3	4	7	-	1	1	-	-	-	-	-	-	1	-	1
French	35	26	61	3	1	4	1	-	1	-	1	1	7	1	8
German	2	5	7	-	-	-	-	-	-	-	-	-	-	1	1
Greek	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Hebrew	-	2	2	-	-	-	-	-	-	-	-	-	-	-	-
Irish	31	31	62	1	-	1	-	-	-	-	-	-	8	1	9
Italian ¹	3	3	6	-	-	-	-	-	-	-	-	-	1	-	1
Lithuanian	4	1	5	-	-	-	-	-	-	-	-	-	1	1	2
Portuguese	31	27	58	1	1	2	-	-	-	1	1	2	2	-	2
Scandinavian ²	3	5	8	-	-	-	-	-	-	-	-	-	-	-	-
Scotch	3	8	11	-	-	-	-	-	-	-	-	-	1	-	1
Slavonic ³	5	6	11	-	-	-	-	-	-	-	-	-	2	-	2
Mixed	34	30	64	1	1	2	-	-	-	-	-	-	6	5	11
Race unknown	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Total	220	216	436	10	6	16	1	-	1	3	2	5	34	10	44

TABLE 6. *Race of First Admissions Classified with Reference to Principal Psychoses — Continued*

RACE	Due to drugs, etc.			Traumatic psychoses			With cerebral arterio-sclerosis			With other disturbances of circulation			With convulsive disorders (epilepsy)			Senile psychoses		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
African (black)	-	-	-	-	-	-	1	-	1	-	1	1	-	-	-	-	-	-
English	1	-	1	-	-	-	19	18	37	1	-	1	-	-	-	5	14	19
Finnish	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1
French	-	-	-	2	-	2	4	5	9	-	-	-	-	1	1	5	-	5
German	-	-	-	-	-	-	1	1	2	-	-	-	-	-	-	-	1	1
Greek	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hebrew	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Irish	-	-	-	2	-	2	5	10	15	1	1	2	-	-	-	5	7	12
Italian ¹	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	1	-	1
Lithuanian	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Portuguese	-	-	-	1	-	1	6	3	9	-	-	-	3	-	3	-	1	1
Scandinavian ²	-	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	1	1
Scotch	-	-	-	-	-	-	1	2	3	-	-	-	-	-	-	-	4	4
Slavonic ³	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
Mixed	1	-	1	-	-	-	2	5	7	1	1	2	-	1	1	3	2	5
Race unknown	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1
Total	2	-	2	6	-	6	39	48	87	3	3	6	3	2	5	20	31	51

¹Includes "North" and "South".
²Norwegians, Danes and Swedes.
³Includes Bohemian, Bosnian, Croatian, Dalmatian, Herzegovinian, Montenegrin, Moravian, Polish, Russian, Ruthenian, Servian, Slovak, Slovenian.

TABLE 6. *Race of First Admissions Classified with Reference to Principal Psychoses — Continued*

RACE	Involutional psychoses			Due to other metabolic diseases, etc.			With organic changes of nervous system			Psycho-neuroses			Manic-depressive psychoses		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
African (black)	—	—	—	—	—	—	—	1	1	—	—	—	—	—	—
English	1	10	11	1	1	2	1	—	1	1	4	5	3	8	11
Finnish	—	1	1	—	—	—	—	—	—	—	—	—	1	—	1
French	—	4	4	—	2	2	—	1	1	1	1	2	—	2	2
German	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—
Greek	—	—	—	—	—	—	—	—	—	1	—	1	—	—	—
Hebrew	—	—	—	—	—	—	—	—	—	—	1	1	—	—	—
Irish	1	2	3	—	—	—	—	—	—	1	3	4	1	—	1
Italian ¹	—	1	1	—	—	—	—	—	—	1	—	1	—	—	—
Lithuanian	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Portuguese	3	6	9	—	1	1	—	—	—	—	—	—	2	4	6
Scandinavian ²	—	—	—	1	—	1	—	—	—	—	—	—	—	—	—
Scotch	—	—	—	—	—	—	—	—	—	—	1	1	—	—	—
Slavonic ³	—	3	3	—	—	—	1	—	1	—	—	—	—	1	1
Mixed	—	2	2	—	—	—	—	—	—	2	2	4	3	3	6
Race unknown	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	5	30	35	2	4	6	2	2	4	7	12	19	10	18	28

TABLE 6. *Race of First Admissions Classified with Reference to Principal Psychoses — Concluded*

RACE	Dementia praecox			Paranoia and paranoid conditions			With psychopathic personality			With mental deficiency			Without psychoses		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
African (black)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
English	11	3	14	—	1	1	1	2	3	1	—	1	6	2	8
Finnish	1	—	1	—	—	—	—	1	1	—	—	—	—	—	—
French	6	6	12	2	—	2	—	—	—	2	—	2	2	1	3
German	1	1	2	—	—	—	—	—	—	—	—	—	—	—	—
Greek	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hebrew	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—
Irish	5	4	9	—	1	1	—	—	—	—	1	1	1	1	2
Italian ¹	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—
Lithuanian	1	—	1	—	—	—	—	—	—	—	—	—	1	—	1
Portuguese	9	7	16	—	—	—	—	—	—	2	2	4	1	1	2
Scandinavian ²	2	—	2	—	1	1	—	1	1	—	—	—	—	—	—
Scotch	1	1	2	—	—	—	—	—	—	—	—	—	—	—	—
Slavonic ³	1	1	2	—	—	—	—	—	—	—	—	—	1	—	1
Mixed	5	3	8	—	—	—	1	1	2	2	2	4	7	2	9
Race unknown	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	43	28	71	2	3	5	2	5	7	7	5	12	19	7	26

¹Includes "North" and "South".
²Norwegians, Danes and Swedes.
³Includes Bohemian, Bosnian, Croatian, Dalmatian, Herzegovinian, Montenegrin, Moravian, Polish, Russian, Ruthenian, Servian, Slovak, Slovenian.

TABLE 7. Age of First Admissions Classified with Reference to Principal Psychose

PSYCHOSES	TOTAL			0-14 years			15-19 years			20-24 years			25-29 years		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With syphilitic meningo encephalitis	10	6	16	-	-	-	1	1	2	-	-	-	-	-	-
With other forms of syphilis	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
With other infectious diseases	3	2	5	-	-	-	-	1	1	-	1	1	-	-	-
Alcoholic psychoses	34	10	44	-	-	-	-	-	-	-	-	-	2	-	2
Due to drugs, etc.	2	-	2	-	-	-	-	-	-	-	-	-	1	-	1
Traumatic psychoses	6	-	6	-	-	-	-	-	-	-	-	-	-	-	-
With cerebral arteriosclerosis	39	48	87	-	-	-	-	-	-	-	-	-	-	-	-
With other disturbances of circulation	3	3	6	-	-	-	-	-	-	-	-	-	-	-	-
With convulsive disorders (epil.)	3	2	5	-	-	-	-	1	1	1	-	1	-	-	-
Senile psychoses	20	31	51	-	-	-	-	-	-	-	-	-	-	-	-
Involucional psychoses	5	30	35	-	-	-	-	-	-	-	-	-	-	1	1
Due to other metabolic diseases, etc.	2	4	6	-	-	-	-	1	1	-	-	-	-	-	-
With organic changes of nervous system	2	2	4	-	-	-	-	-	-	-	-	-	-	-	-
Psychoneuroses	7	12	19	-	-	-	1	-	1	1	1	2	1	-	1
Manic-depressive psychoses	10	18	28	-	-	-	-	1	1	-	1	1	-	3	3
Dementia praecox	43	28	71	-	-	-	5	2	7	9	3	12	8	10	18
Paranoia and paranoid conditions	2	3	5	-	-	-	-	-	-	-	-	-	-	1	1
With psychopathic personality	2	5	7	-	-	-	-	1	1	1	-	1	1	-	1
With mental deficiency	7	5	12	1	-	1	1	2	3	-	1	1	1	-	1
Without psychoses	19	7	26	4	-	4	2	1	3	2	1	3	4	1	5
Total	220	216	436	5	-	5	10	11	21	14	8	22	19	15	34

TABLE 7. Age of First Admissions Classified with Reference to Principal Psychoses — Continued

PSYCHOSES	30-34 years			35-39 years			40-44 years			45-49 years			50-54 years			55-59 years		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encephalitis	1	1	2	-	-	-	2	2	4	3	-	3	1	-	1	1	-	1
With other forms of syphilis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1
With other infectious diseases	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Alcoholic psychoses	1	2	3	5	1	6	6	2	8	8	1	9	7	-	7	1	1	2
Due to drugs, etc.	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Traumatic psychoses	1	-	1	-	-	-	1	-	1	1	-	1	-	-	-	2	-	2
With cerebral arteriosclerosis	-	-	-	-	-	-	-	-	-	1	1	2	-	2	2	4	1	5
With other disturbances of circulation	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	1	1
With convulsive disorders (epil.)	1	-	1	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-
Senile psychoses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Involucional psychoses	-	-	-	-	1	1	1	6	7	-	9	9	1	5	6	2	7	9
Due to other metabolic diseases, etc.	-	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	1	1
With organic changes of nervous system	-	-	-	-	-	-	-	1	1	-	-	-	-	1	1	2	-	2
Psychoneuroses	-	4	4	-	1	1	2	2	4	-	1	1	1	1	2	1	-	1
Manic-depressive psychoses	4	3	7	1	2	3	-	2	2	2	3	5	-	-	-	1	3	4
Dementia praecox	7	4	11	7	5	12	4	2	6	2	1	3	-	1	1	-	-	-
Paranoia and paranoid conditions	-	-	-	-	-	-	1	-	1	-	-	-	-	1	1	-	-	-
With psychopathic personality	-	2	2	-	1	1	-	-	-	-	-	-	-	-	-	-	1	1
With mental deficiency	1	1	2	-	1	1	3	-	3	-	-	-	-	-	-	-	-	-
Without psychoses	1	2	3	1	-	1	4	-	4	1	-	1	-	-	-	-	1	1
Total	18	19	37	16	13	29	24	19	43	18	16	34	10	12	22	15	16	31

TABLE 7. *Age of First Admissions Classified with Reference to Principal Psychoses — Concluded*

PSYCHOSES	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85 years and over
	M. F. T.	M. F. T.	M. F. T.	M. F. T.	M. F. T.	M. F. T.
With syphilitic meningo-encephalitis	- 2 2	1 - 1	- - -	- - -	- - -	- - -
With other forms of syphilis	- - -	- - -	- - -	- - -	- - -	- - -
With other infectious diseases	2 - 2	- - -	- - -	- - -	- - -	- - -
Alcoholic psychoses	2 2 4	2 1 3	- - -	- - -	- - -	- - -
Due to drugs, etc.	- - -	- - -	- - -	- - -	- - -	- - -
Traumatic psychoses	1 - 1	- - -	- - -	- - -	- - -	- - -
With cerebral arteriosclerosis	4 8 12	9 9 18	10 9 19	8 13 21	2 2 4	1 3 4
With other disturbances of circulation	1 1 2	1 - 1	- - -	- - -	1 - 1	- - -
With convulsive disorders (epil.)	- - -	- - -	- - -	- - -	- - -	- - -
Senile psychoses	- - -	1 1 2	3 4 7	7 9 16	7 8 15	2 9 11
Involucional psychoses	1 1 2	- - -	- - -	- - -	- - -	- - -
Due to other metabolic diseases, etc.	1 - 1	- - -	1 - 1	- - -	- - -	- - -
With organic changes of nervous system	- - -	- - -	- - -	- - -	- - -	- - -
Psychoneuroses	- 2 2	- - -	- - -	- - -	- - -	- - -
Manic-depressive psychoses	1 - 1	- - -	1 - 1	- - -	- - -	- - -
Dementia praecox	1 - 1	- - -	- - -	- - -	- - -	- - -
Paranoia and paranoid conditions	- - -	- 1 1	- 1 1	- - -	- - -	- - -
With psychopathic personality	- - -	- - -	- - -	- - -	- - -	- - -
With mental deficiency	- - -	- - -	- - -	- - -	- - -	- - -
Without psychoses	- - -	- - -	- 1 1	- - -	- - -	- - -
Total	14 16 30	14 12 26	15 15 30	15 22 37	10 10 20	3 12 15

TABLE 8. Degree of Education of First Admissions Classified with Reference to Principal Psychoses

PSYCHOSES	TOTAL			Illiterate		Reads Only		Reads and Writes		Common School		High School		College	
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encephalitis	10	6	16	2	2	4	—	2	2	6	4	10	2	—	2
With other forms of syphilis	1	—	1	1	—	1	—	—	—	—	—	—	—	—	—
With other infectious diseases	3	2	5	—	—	—	—	—	—	2	2	4	1	—	1
Alcoholic psychoses	34	10	44	4	4	8	—	1	1	26	7	33	2	1	3
Due to drugs, etc.	2	—	2	—	—	—	—	—	—	2	—	2	—	—	—
Traumatic psychoses	6	—	6	—	—	—	—	2	—	3	—	3	1	—	1
With cerebral arteriosclerosis	39	48	87	4	2	6	1	6	3	25	34	59	2	1	3
With other disturbances of circulation	3	3	6	—	—	—	—	—	—	3	1	4	—	—	—
With convulsive disorders (epilepsy)	3	2	5	—	—	—	—	—	—	3	1	4	—	—	—
Senile psychoses	20	31	51	3	3	6	—	4	3	13	20	33	—	—	—
Involuntional psychoses	5	30	35	1	4	5	—	1	5	2	17	19	—	1	1
Due to other metabolic diseases, etc.	2	4	6	—	—	—	—	1	1	2	2	2	1	—	—
With organic changes of nervous system	2	2	4	—	—	—	—	1	1	—	—	—	—	—	—
Psychoneuroses	7	12	19	—	—	—	—	—	—	1	1	2	—	—	—
Manic-depressive psychoses	10	18	28	—	1	1	—	—	—	7	11	18	3	—	3
Dementia praecox	43	28	71	—	1	1	—	2	15	25	9	34	13	3	16
Paranoia and paranoid conditions	2	3	5	—	—	—	—	—	—	2	2	4	—	—	—
With psychopathic personality	2	5	7	—	—	—	—	—	—	—	—	—	—	—	—
With mental deficiency	7	5	12	1	—	1	—	1	—	5	5	10	—	—	—
Without psychoses	19	7	26	—	—	—	—	1	1	12	5	17	4	2	6
Total	220	216	436	16	11	27	1	20	32	142	131	273	33	8	41

TABLE 9. *Environment of First Admissions Classified with Reference to Principal Psychoses*

PSYCHOSES	TOTAL			0-2,499			2,500-9,999			10,000-24,999			25,000-49,999			50,000-99,999			100,000-249,999			500,000+			Unknown
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	
With syphilitic meningo-encephalitis	10	6	16	2	-	2	3	1	2	1	1	2	-	1	1	4	3	1	4	-	-	-	-	-	
With other forms of syphilis	1	-	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
With other infectious diseases	3	2	5	-	1	1	-	1	-	2	2	1	-	2	4	6	18	1	1	-	-	-	-		
Alcoholic psychoses	34	10	44	-	2	2	5	1	6	4	6	1	-	4	6	18	-	-	18	-	-	-	1		
Due to drugs, etc.	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Traumatic psychoses	6	-	6	1	-	1	-	-	-	-	-	-	-	-	-	-	3	-	3	-	-	-	-		
With cerebral arteriosclerosis	39	48	87	5	4	9	13	8	8	7	15	4	10	1	4	8	14	8	22	-	-	-	-		
With other disturbances of circulation	3	3	6	-	1	1	-	1	-	1	1	-	-	1	-	1	-	1	1	-	-	-	-		
With convulsive disorders (epilepsy)	3	2	5	1	-	1	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Senile psychoses	20	31	51	1	6	7	13	6	4	1	5	-	3	4	5	8	8	16	19	-	-	-	1		
Involutional psychoses	5	30	35	1	3	4	3	3	-	3	3	-	2	2	2	4	15	19	3	1	1	-	-		
Due to other metabolic diseases, etc.	2	4	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
With organic changes of nervous system	2	2	4	-	-	-	-	1	-	-	-	-	-	-	-	1	2	3	3	-	-	-	-		
Psychoneuroses	7	12	19	1	3	4	2	4	1	-	-	-	-	1	1	2	4	5	5	1	-	-	-		
Manic-depressive psychoses	10	18	28	1	3	4	1	6	2	2	2	-	2	3	3	9	1	9	1	1	-	-	-		
Dementia praecox	43	28	71	5	5	10	16	3	7	3	6	5	4	9	27	16	11	27	1	-	-	1	-		
Paranoia and paranoid conditions	2	3	5	-	-	-	-	1	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-		
With psychopathic personality	2	5	7	-	-	-	-	1	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-		
With mental deficiency	7	5	12	-	-	-	-	1	-	-	-	-	-	-	-	2	-	-	2	-	-	-	-		
Without psychoses	19	7	26	3	2	5	1	4	3	1	4	1	1	2	2	4	1	5	-	-	-	-	-		
Total	220	216	436	21	25	46	55	26	23	21	21	20	30	73	67	2	2	4	2	2	4	2	1	3	

TABLE 10. *Economic Condition of First Admissions Classified with Reference to Principal Psychoses*

PSYCHOSES	TOTAL			Dependent			Marginal			Comfortable		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encephalitis . . .	10	6	16	2	1	3	8	5	13	-	-	-
With other forms of syphilis . . .	1	-	1	-	-	-	1	-	1	-	-	-
With other infectious diseases . . .	3	2	5	1	-	1	2	2	4	-	-	-
Alcoholic psychoses . . .	34	10	44	9	-	9	25	10	35	-	-	-
Due to drugs, etc. . .	2	-	2	-	-	-	2	-	2	-	-	-
Traumatic psychoses . . .	6	-	6	-	-	-	6	-	6	-	-	-
With cerebral arteriosclerosis . . .	39	48	87	6	10	16	31	34	65	2	4	6
With other disturbances of circulation . . .	3	3	6	1	-	1	2	3	5	-	-	-
With convulsive disorders (epilepsy) . . .	3	2	5	1	-	1	2	2	4	-	-	-
Senile psychoses . . .	20	31	51	5	7	12	14	22	36	1	2	3
Involuntal psychoses . . .	5	30	35	-	5	5	5	25	30	-	-	-
Due to other metabolic diseases, etc. . .	2	4	6	-	1	1	2	3	5	-	-	-
With organic changes of nervous system . . .	2	2	4	-	1	1	2	1	3	-	-	-
Psychoneuroses . . .	7	12	19	2	-	2	5	12	17	-	-	-
Manic-depressive psychoses . . .	10	18	28	1	-	1	9	18	27	-	-	-
Dementia praecox . . .	43	28	71	6	7	13	37	21	58	-	-	-
Paranoia and paranoid conditions . . .	2	3	5	-	1	1	1	1	2	1	1	2
With psychopathic personality . . .	2	5	7	-	1	1	2	4	6	-	-	-
With mental deficiency . . .	7	5	12	1	1	2	6	4	10	-	-	-
Without psychoses . . .	19	7	26	2	1	3	16	6	22	1	-	1
Total . . .	220	216	436	37	36	73	178	173	351	5	7	12

TABLE 11. *Use of Alcohol by First Admissions Classified with Reference to Principal Psychoses*

PSYCHOSES	TOTAL			Abstinent			Temperate			Intemperate		
	M	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encephalitis . . .	10	6	16	6	2	8	2	3	5	2	1	3
With other forms of syphilis . . .	1	-	1	-	-	-	1	-	1	-	-	-
With other infectious diseases . . .	3	2	5	1	1	2	2	1	3	-	-	-
Alcoholic psychoses . . .	34	10	44	-	-	-	-	-	-	34	10	44
Due to drugs, etc. . .	2	-	2	-	-	-	-	-	-	2	-	2
Traumatic psychoses . . .	6	-	6	1	-	1	-	-	-	5	-	5
With cerebral arteriosclerosis . . .	39	48	87	10	39	49	21	7	28	8	2	10
With other disturbances of circulation . . .	3	3	6	-	3	3	2	-	2	1	-	1
With convulsive disorders (epilepsy) . . .	3	2	5	1	2	3	1	-	1	1	-	1
Senile psychoses . . .	20	31	51	6	26	32	8	3	11	6	2	8
Involuntal psychoses . . .	5	30	35	3	24	27	2	6	8	-	-	-
Due to other metabolic diseases, etc. . .	2	4	6	2	3	5	-	1	1	-	-	-
With organic changes of nervous system . . .	2	2	4	1	1	2	1	1	2	-	-	-
Psychoneuroses . . .	7	12	19	3	9	12	3	1	4	1	2	3
Manic-depressive psychoses . . .	10	18	28	3	12	15	6	4	10	1	2	3
Dementia praecox . . .	43	28	71	26	22	48	10	5	15	7	1	8
Paranoia and paranoid conditions . . .	2	3	5	1	3	4	1	-	1	-	-	-
With psychopathic personality . . .	2	5	7	1	3	4	-	1	1	1	1	2
With mental deficiency . . .	7	5	12	6	5	11	-	-	-	1	-	1
Without psychoses . . .	19	7	26	7	4	11	3	1	4	9	2	11
Total . . .	220	216	436	78	159	237	63	34	97	79	23	102

TABLE 12. Marital Condition of First Admissions Classified with Reference to Principal Psychoses

PSYCHOSES	TOTAL		Single		Married		Widowed		Divorced		Separated	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
	T.	T.	T.	T.	T.	T.	T.	T.	T.	T.	T.	T.
With syphilitic meningo-encephalitis	10	6	4	2	3	4	1	-	1	-	1	-
With other forms of syphilis	1	1	-	-	1	1	-	-	-	-	-	-
With other infectious diseases.	3	2	-	1	2	1	-	-	-	-	1	-
Alcoholic psychoses	34	10	11	-	18	5	2	3	1	2	2	-
Due to drugs, etc.	2	-	1	-	1	-	-	-	-	-	-	-
Traumatic psychoses	6	-	-	-	4	-	2	-	-	-	-	-
With cerebral arteriosclerosis	39	48	2	11	15	18	17	17	2	1	3	1
With other disturbances of circulation	3	3	1	-	1	3	2	-	-	-	-	-
With convulsive disorders (epilepsy)	3	2	2	2	7	4	9	19	-	1	2	-
Senile psychoses	20	31	2	6	3	11	7	28	-	1	1	3
Involuntional psychoses	5	30	2	3	2	20	-	7	-	-	-	-
Due to other metabolic diseases, etc.	2	4	-	-	2	6	-	-	-	-	2	2
With organic changes of nervous system	2	2	-	-	2	1	-	-	-	-	-	-
Psychoneuroses	7	12	2	4	5	3	-	-	-	-	-	-
Manic-depressive psychoses	10	18	5	4	4	6	1	1	-	-	-	-
Dementia praecox	43	28	34	16	11	15	2	3	-	-	4	2
Paranoia and paranoid conditions	2	3	2	5	3	10	2	2	-	-	2	6
With psychopathic personality	2	5	1	1	-	-	-	-	-	-	-	-
With mental deficiency	7	7	1	1	2	2	1	1	1	-	-	1
Without psychoses	19	12	5	4	-	2	-	-	-	-	-	1
		7	11	3	8	3	-	-	-	-	-	1
Total	220	216	85	59	81	89	36	52	5	6	13	10
		436	144	170	88	11	23					

[illegible]

NOTE: — Admissions and discharges do not include transfers.

TABLE 14. Discharges of Patients Classified with Reference to Principal Psychoses and Condition on Discharge

PSYCHOSES	TOTAL			Recovered			Improved			Unimproved		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encephalitis	10	3	13	-	-	-	9	2	11	1	1	2
With epidemic encephalitis	2	-	2	-	-	-	2	-	2	-	-	-
With other infectious diseases	1	-	1	1	-	1	-	-	-	-	-	-
Alcoholic psychoses	35	4	39	31	3	34	3	1	4	1	-	1
Due to drugs, etc.	2	1	3	2	1	3	-	-	-	-	-	-
Traumatic psychoses	4	-	4	2	-	2	2	-	2	-	-	-
With cerebral arteriosclerosis	5	8	13	1	4	5	2	3	5	2	1	3
With other disturbances of circulation	1	-	1	1	-	1	-	-	-	-	-	-
With convulsive disorders (epilepsy)	6	2	8	1	-	1	3	2	5	2	-	2
Senile psychoses	-	5	5	-	-	-	-	2	2	-	3	3
Involucional psychoses	2	13	15	1	7	8	1	4	5	-	2	2
Due to other metabolic diseases, etc.	-	1	1	-	-	-	-	1	1	-	-	-
Psychoneuroses	9	12	21	6	3	9	3	9	12	-	-	-
Manic-depressive psychoses	15	29	44	9	23	32	5	5	10	1	1	2
Dementia praecox	32	29	61	2	5	7	30	23	53	-	1	1
Paranoia and paranoid conditions	1	3	4	1	1	2	-	2	2	-	-	-
With psychopathic personality	2	4	6	2	4	6	-	-	-	-	-	-
With mental deficiency	2	7	9	1	4	5	1	3	4	-	-	-
Without psychoses	26	8	34	-	-	-	-	-	-	-	-	-
Total	155	129	284	61	55	116	61	57	118	7	9	16

TABLE 15. Hospital Residence during This Admission of Court First Admissions Discharged during 1937

PSYCHOSES	Number			Average Net Hospital Residence in Years		
	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encephalitis	9	3	12	1.28	1.27	1.27
With epidemic encephalitis	2	-	2	.41	-	.41
With other infectious diseases	1	-	1	.20	-	.20
Alcoholic psychoses	28	3	31	.32	.09	.30
Due to drugs, etc.	2	-	2	.08	-	.08
Traumatic psychoses	3	-	3	.20	-	.20
With cerebral arteriosclerosis	5	8	13	.59	.56	.57
With other disturbances of circulation	1	-	1	.04	-	.04
With convulsive disorders (epilepsy)	4	2	6	.04	.12	.06
Senile psychoses	-	5	5	-	.12	.12
Involucional psychoses	2	12	14	1.89	1.08	1.20
Due to other metabolic diseases, etc.	-	1	1	-	.04	.04
Psychoneuroses	8	8	16	.07	.13	.10
Manic-depressive psychoses	6	22	28	.47	1.00	.89
Dementia praecox	22	14	36	1.04	1.02	1.03
Paranoia and paranoid conditions	1	2	3	.20	3.81	2.60
With psychopathic personality	2	2	4	.12	.12	.12
With mental deficiency	1	5	6	.37	.22	.24
Without psychoses	18	7	25	.04	.06	.04
Total	115	94	209	.50	.74	.61



TABLE 17. Age of Patients at Time of Death Classified with Reference to Principal Psychoses

PSYCHOSES	TOTAL			15-19 years		20-24 years		25-29 years		30-34 years		35-39 years		40-44 years		45-49 years					
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.			
With syphilitic meningo-encephalitis	10	2	12	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-			
With epidemic encephalitis	-	1	1	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-			
With other infectious diseases	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Alcoholic psychoses	9	3	12	-	-	-	-	-	-	-	-	-	1	-	1	-	1	-			
Traumatic psychoses	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
With cerebral arteriosclerosis	34	37	71	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
With other disturbances of circulation	4	2	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
With convulsive disorders (epilepsy)	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Senile psychoses	22	25	47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Involutional psychoses	1	8	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Due to other metabolic diseases, etc.	2	4	6	-	-	-	-	-	-	-	-	-	-	-	3	3	-	-			
With organic changes of nervous system	3	3	6	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-			
Manic-depressive psychoses	1	1	2	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-			
Dementia praecox	10	13	23	1	-	1	2	2	1	3	3	-	-	1	-	-	1	2			
Paranoia and paranoid conditions	-	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
With mental deficiency	1	-	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-			
Total	102	102	204	1	-	1	1	1	2	3	2	5	3	-	3	1	5	6	5	3	8

PSYCHOSES	50-54 years			55-59 years			60-64 years			65-69 years			70-74 years			75-79 years			80-84 years			85 years and over		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encephalitis	3	-	3	3	2	5	-	-	-	1	-	1	1	-	1	-	-	-	-	-	-	-	-	-
With epidemic encephalitis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
With other infectious diseases	-	-	-	-	-	-	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Alcoholic psychoses	-	-	-	-	-	-	1	-	1	3	-	3	-	1	1	-	1	-	-	-	-	-	-	-
Traumatic psychoses	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
With cerebral arteriosclerosis	-	-	-	2	-	2	3	4	7	11	5	16	8	6	14	5	9	14	3	8	11	-	-	4
With other disturbances of circulation	-	-	-	-	1	1	2	1	3	1	-	1	-	-	-	-	-	-	-	-	-	-	-	4
With convulsive disorders (epilepsy)	-	-	-	-	1	1	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Senile psychoses	-	-	-	-	-	-	-	1	1	-	2	2	3	-	-	8	7	15	7	5	12	-	-	-
Involutional psychoses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	-	-	-	-	-	-
Due to other metabolic diseases, etc.	1	1	2	-	-	3	1	-	1	-	1	1	1	-	-	-	-	-	-	-	-	-	-	-
With organic changes of nervous system	-	1	1	1	1	2	1	-	1	-	1	1	1	-	-	-	-	-	-	-	-	-	-	-
Manic-depressive psychoses	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dementia praecox	-	2	2	-	-	-	-	1	1	-	2	2	2	2	2	1	2	3	-	-	-	1	-	1
Paranoia and paranoid conditions	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
With mental deficiency	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	4	4	8	8	8	16	11	9	20	16	11	27	16	10	26	16	20	36	10	14	24	5	14	19

TABLE 18. Total Duration of Hospital Life of Patients Dying in Hospital Classified According to Principal Psychoses

PSYCHOSES	TOTAL			Less than 1 month		1-3 months		4-7 months		8-12 months		1-2 years		3-4 years	
	M.		T.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
With syphilitic meningo-encephalitis	10	2	12	1	1	1	1	3	-	2	2	1	1	1	1
With epidemic encephalitis	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-
With other infectious diseases	2	-	2	2	2	-	1	-	-	-	-	2	-	-	-
Alcoholic psychoses	9	3	12	2	-	1	1	1	1	-	-	-	-	-	-
Traumatic psychoses	2	-	2	1	-	1	-	1	-	-	-	-	-	-	-
With cerebral arteriosclerosis	34	37	71	10	14	24	5	5	10	3	6	9	4	1	2
With other disturbances of circulation	4	2	6	2	1	3	1	1	-	-	-	1	-	1	1
With convulsive disorders (epilepsy)	1	1	2	-	-	-	-	-	-	-	-	1	-	1	1
Senile psychoses	22	25	47	9	4	13	4	4	8	1	2	3	5	6	11
Involuntal psychoses	1	8	9	1	2	3	-	1	1	-	2	2	1	1	-
Due to other metabolic diseases, etc.	2	4	6	2	-	2	-	1	1	-	2	1	1	-	-
With organic changes of nervous system	3	3	6	-	-	-	-	-	-	-	2	2	1	-	1
Manic-depressive psychoses	1	1	2	-	-	-	1	-	1	-	-	-	-	-	-
Dementia praecox	10	13	23	3	-	3	-	3	3	-	-	3	1	4	1
Paranoia and paranoid conditions	-	2	2	-	-	-	-	-	-	-	-	-	1	1	-
With mental deficiency	1	-	1	-	-	-	-	1	-	-	-	-	-	-	-
Total	102	102	204	33	21	54	12	13	25	6	12	18	23	14	37

PSYCHOSES	5-6 years		7-8 years		9-10 years		11-12 years		13-14 years		15-19 years		20 years and over		
	M.		T.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
With syphilitic meningo-encephalitis	-	-	-	-	-	-	-	-	-	-	-	1	1	2	1
With epidemic encephalitis	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-
With other infectious diseases	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Alcoholic psychoses	-	1	1	-	-	-	-	-	-	-	-	2	-	2	1
Traumatic psychoses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
With cerebral arteriosclerosis	-	1	1	-	3	3	1	1	1	1	-	-	-	-	3
With other disturbances of circulation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
With convulsive disorders (epilepsy)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Senile psychoses	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-
Involuntal psychoses	-	-	-	-	-	-	1	1	1	-	-	1	1	-	1
Due to other metabolic diseases, etc.	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2
With organic changes of nervous system	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Manic-depressive psychoses	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-
Dementia praecox	-	1	1	-	1	1	1	-	-	-	-	-	1	1	8
Paranoia and paranoid conditions	-	-	-	-	-	-	-	-	-	-	-	-	-	2	6
With mental deficiency	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1
Total	1	4	5	-	5	5	1	2	3	1	-	1	3	3	6

TABLE 19. *Average Length of Hospital Residence during the Present Admission of All First Admissions in Residence on September 30, 1937*

PSYCHOSES	Number			Average Net Hospital Residence in Years		
	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encephalitis	37	18	55	4.73	7.15	5.52
With other forms of syphilis	5	—	5	5.88	—	5.88
With epidemic encephalitis	1	—	1	7.50	—	7.50
With other infectious diseases	—	2	2	—	1.47	1.47
Alcoholic psychoses	65	10	75	8.63	9.88	8.79
Traumatic psychoses	7	3	10	5.34	5.83	5.48
With cerebral arteriosclerosis	45	54	99	2.80	2.20	2.47
With other disturbances of circulation	2	1	3	12.50	12.50	12.50
With convulsive disorders (epilepsy)	8	11	19	4.74	7.13	6.12
Senile psychoses	28	47	75	4.66	4.17	4.36
Involucional psychoses	18	66	84	6.10	4.65	4.96
Due to other metabolic diseases, etc.	3	8	11	6.16	6.61	6.49
With organic changes of nervous system	5	7	12	7.30	2.05	4.24
Psychoneuroses	7	10	17	6.91	5.48	6.07
Manic-depressive psychoses	27	46	73	7.48	6.83	7.07
Dementia praecox	240	249	489	12.11	11.67	11.88
Paranoia and paranoid conditions	13	19	32	5.64	8.54	7.36
With psychopathic personality	4	2	6	7.75	.44	5.31
With mental deficiency	58	29	87	10.16	8.73	9.69
Without psychoses	1	—	1	.44	—	.44
Total	574	582	1,156	8.96	8.10	8.53

TABLE 19A. *Average Length of Hospital Residence during the Present Admission of All Readmissions in Residence on September 30, 1937*

PSYCHOSES	Number			Average Net Hospital Residence in Years		
	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encephalitis	8	2	10	8.12	4.50	7.40
With epidemic encephalitis	3	1	4	7.16	7.50	7.25
Alcoholic psychoses	29	5	34	8.01	4.70	7.52
Due to drugs, etc.	1	—	1	22.50	—	22.50
Traumatic psychoses	1	—	1	.50	—	.50
With cerebral arteriosclerosis	6	8	14	3.16	1.75	2.35
With other disturbances of circulation	1	—	1	2.50	—	2.50
With convulsive disorders (epilepsy)	3	3	6	3.83	13.16	8.50
Senile psychoses	—	3	3	—	7.16	7.16
Involucional psychoses	6	21	27	5.33	5.50	5.46
With organic changes of nervous system	1	2	3	1.50	17.50	12.16
Psychoneuroses	5	8	13	1.10	6.37	4.34
Manic-depressive psychoses	29	50	79	6.20	6.08	6.11
Dementia praecox	127	141	268	10.02	10.32	10.18
Paranoia and paranoid conditions	8	6	14	4.93	6.00	5.39
With psychopathic personality	4	3	7	.50	2.16	1.21
With mental deficiency	19	10	29	7.76	11.00	8.87
Total	251	263	514	8.22	8.47	8.35

TABLE 20. *Family Care Statistics for Year Ended September 30, 1937*

	Males	Females	Total
Remaining in Family Care September 30, 1936	1	2	3
Admitted to Family Care during the Year	—	3	3
Whole Number of Cases within the Year	1	5	6
Discharged from Family Care within the Year	—	3	3
Discharged outright from Family Care	—	1	1
Discharged because of death while in Family Care	—	1	1
Returned to Institution	—	1	1
Remaining in Family Care September 30, 1937	1	2	3
Average Daily Number in Family Care during Year	1.0000	2.4423	3.4423
Self-supporting	1	2	3



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